



User Guide for SPIE Submission Review System (formerly MySPIE)

[Instructions for Conference Chairs](#)

[Instructions for Reviewers](#)

Questions? [Contact your SPIE Coordinator](#)

INSTRUCTIONS FOR **CONFERENCE CHAIRS**: TABLE OF CONTENTS

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Introducing the SPIE Review System for Conference Chairs

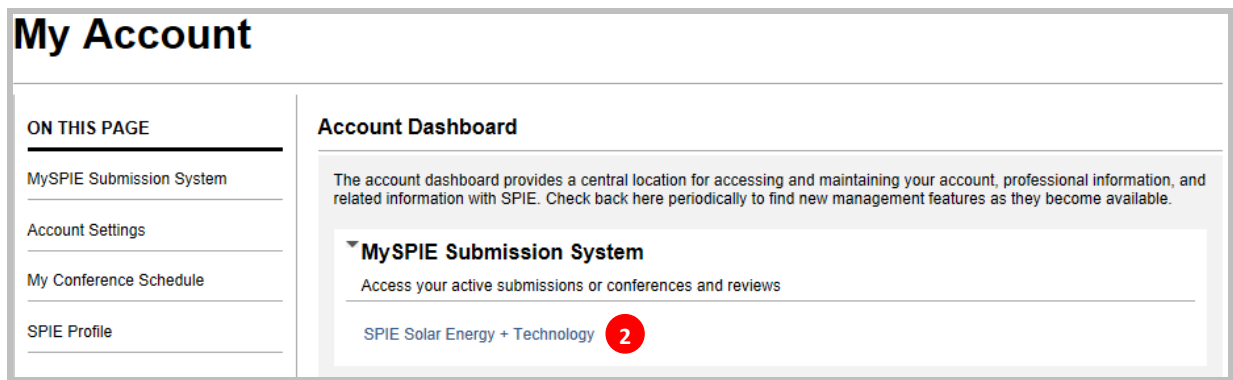
BENEFITS AND FUNCTIONALITY

- Manage most review tasks from one page
- Transparent review system; easy to view where papers are in the process, who is assigned to review papers, how much work has been done
- Color-coded progress indicators and indicators for sent emails
- Simplified functionality for assigning papers to reviewers
- Ability to assign all papers to all Reviewers at the same time
- Incremental rating scale for scoring papers
- Edit decisions or other information (presentation type, review decision, etc.) as a group edit
- Simplified reporting of review results
- Improved accessibility to all SPIE account information and Task List through new SPIE.org My Account dashboard

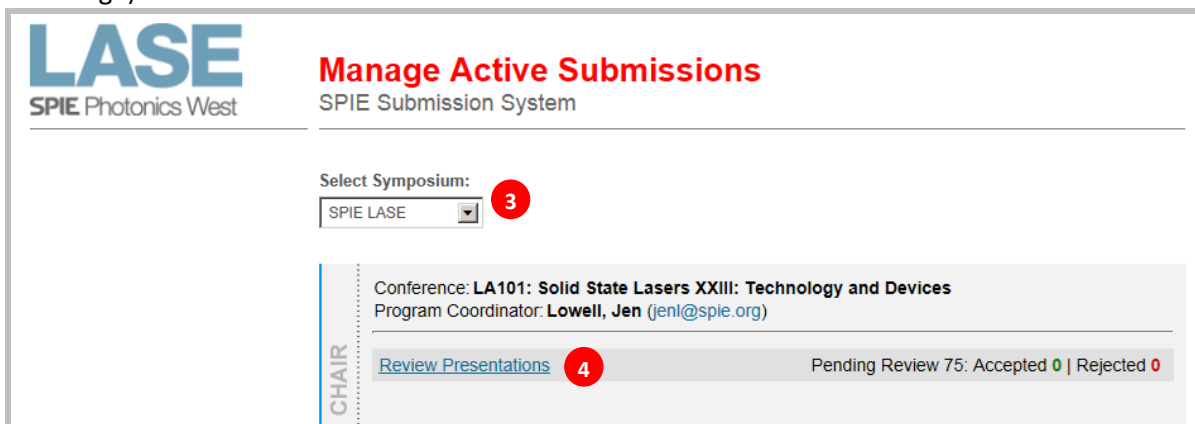


HOW TO ACCESS REVIEW SYSTEM

1. Sign in to <http://spie.org/myaccount> (or if you are already logged in to SPIE.org, click on the link in the upper left corner by your name that says “View Your Account”).
2. From the Account Dashboard, go to the section on “MySPIE Submission System” and click on the meeting of interest.



3. Select a Symposium from the drop-down box.
4. Click on the action you would like to perform, such as “Review Presentations” (or “Review Manuscripts” if you’re at that stage).



Overview (Home) Tab

FUNCTION: Gives you an overview of the full list of submissions and their current review status, and program status. You can also perform certain actions on a group of selected papers. These particular actions can **SAVE TIME**:

- 1) Assign one or more papers to [multiple](#) reviewers at once.
- 2) Complete your review (final chair decision) one at a time, or [multiple](#) papers at once.

HOW TO CHECK REVIEW ASSIGNMENTS AND REVIEW STATUS

Conference Title View Call Details ▾

Overview Assign by Topics Individual Reviewer Assignments Email Assignments My Review Assignments Reports Committee Members Symposium Papers

Overview - All Presentations

Chair Decision: 0 Completed | 46 Total Filter By: View All ▾

Select	Paper Number	Attachment	Title	Author and Affiliation	Chair Decision	Invited	Presentation Type Assigned	Presentation Type Requested	Assignments Emailed	Reviews Completed	Program Status	Reviews Emailed
<input type="checkbox"/>	Choose Action for Selected Papers ▾											
<input type="checkbox"/>	LA110-5	Investigations of laser ablation processes in th...	Gecys, Paulius Ctr. for Physical Sciences and Technology	Pending		Oral	Oral		2 completed 7 assigned	Submitted		
<input type="checkbox"/>	LA110-6	Theoretical analysis of laser cutting of metals ...	Bruegmann, Michael Univ. Bern	Pending		Oral	Oral		1 completed 7 assigned	Submitted		
<input type="checkbox"/>	LA110-7	Spot size dependence of LIPSS formation threshol...	Shimizu, Hisashi Keio Univ.	Pending		Oral	Poster, but Oral okay		1 completed 7 assigned	Submitted		

Assignments Emailed:

Orange dot indicates additional papers have been assigned since the last email was sent, or you have not emailed all assignments to all reviewers.

Green dot indicates you have sent an email to the reviewer with their assignments.

Reviews Completed:

Displays how many reviewers are assigned, and how many have completed their review.

Click on the down arrow to display assigned reviewers and comments.

Program Status:

Submitted = Abstract submitted; pending review
 In Program = talk scheduled to be presented
 Presented = talk confirmed presented
 Withdrawn = talk withdrawn before program published
 Canceled = talk canceled after program published
 No-Show = author did not present, did not notify SPIE

We typically do not publish withdrawn, canceled, or no-show

Reviews Emailed:

Green dot indicates email sent to author with review comments.

Orange dot indicates additional review comments added since the last review comments email was sent.

SAVE TIME: ASSIGN MULTIPLE REVIEWERS AT ONCE

You can assign multiple reviewers to multiple abstracts or manuscripts from the overview tab. **CAUTION:** While there is a quick way to assign multiple reviewers to one or more papers, there is no way to unassign in bulk. Unassigning reviewers must be done one reviewer at a time, via the “[Individual Reviewer Assignments](#)” tab.

1. Select the group of papers you want to assign.
2. From the “Choose Action for Selected Papers” drop-down box, select “Assign Reviewer.”
3. An “Assign Reviewers” box will pop up; select the reviewers from the list, then click “Assign.”
4. Repeat steps 1-3 until you’ve completed your assignments.

NOTE: Reviewers can **ONLY** see submissions assigned to them.

Select	Paper Number	Attachment	Title	Author and Affiliation	Chair Decision	Invited	Presentation Type Assigned	Presentation Type Requested	Assignments Emailed	Reviews Completed	Program Status
<input type="checkbox"/>	LA110-1								2 completed 7 assigned	Submitted	
<input checked="" type="checkbox"/>	LA110-3								1 completed 7 assigned	Submitted	
<input checked="" type="checkbox"/>	LA110-4								1 completed 7 assigned	Submitted	
<input type="checkbox"/>	LA110-5		Investigations of laser ablation processes in th...	Gecys, Paulius Ctr. for Physical Sciences and Technology	Pending		Oral	Oral	1 completed 7 assigned	Submitted	
<input type="checkbox"/>	LA110-6		Theoretical analysis of	Bruegmann, Michael	Pending		Oral	Oral	0 completed	Submitted	

Assign Reviewers

Assign Selected Papers

Combined Characterization Techniques to Understand the Stability of a Variety of Organic Photovoltaic Devices - the ISOS-3 inter-laboratory collaboration

Evolution and field performance of Soitec's Concentrix CPV systems

Reviewers

- Dhere, Neelkanth
- Lynn, Kevin
- Wohlgemuth, John
- Albin, David
- Alers, Glenn
- Bennur, Rajani
- Bermudez, Veronica
- Bower, Ward
- Cruz, Leila
- Doi, Takuya
- Fabero, Fernando
- Gade, Vivek
- Gambogi, William
- Heinrich, Helge
- Herrmann, Werner

Cancel Assign

[Return to CHAIR Table of Contents](#)

SAVE TIME: EDIT FINAL DECISIONS BY GROUP (Mark Multiple Papers as Accept/Reject, Invited, Keynote/Poster)

You can select a group of papers (or all papers) and edit the Final Chair Decisions, such as Accept/Reject, Invited, assign Oral/Poster/Keynote, on the entire group papers at the same time. You can select the same decision for all, or customize.

HINT: Run the report “Reviewer Ratings, Recommendations, and Comments” first (see Reports Tab) and use as a guide to make your final decisions.

1. Select group of papers that you are ready to make the final chair decision for.
2. Click on the drop-down box and select “Edit Final Decisions by Group (multiple at same time).”

The screenshot shows a table with columns: Select, Paper Number, Attachment, Title, Author and Affiliation, Chair Decision, Invited, Presentation Type Assigned, Presentation Type Requested, Assignments Emailed, Reviews Completed, Program Status, and Reviews Emailed. A dropdown menu is open over the 'Chair Decision' column, showing options: View Details, Assign Reviewers, Add Review Ratings and Comments, Make Final Decisions by Paper (one at a time), Edit Final Decisions by Group (multiple at same time), and Email Review Comments to Author. A red circle '1' is on the 'Select' column, and a red circle '2' is on the dropdown menu.

3. Use the top row to change ALL papers in group to same decision (such as marking entire group as Accepted).
4. Use drop-down boxes in each paper to customize decision by paper.
5. Click “Save Decisions” to make chair decisions final

Changing the “Chair Decision” to “Accept” or “Reject” will close the review. To reopen the review, change to “Pending.”

The dialog box shows a table with columns: Paper Number, Title, Author & Affiliation, Chair Decision, Invited, Assigned Type, Requested Type, and Status. A red circle '3' is on the 'Set all selected presentations to:' row, and a red circle '4' is on the 'Chair Decision' dropdown for the first row. A red circle '5' is on the 'Save Decisions' button.

Assign by Topics Tab

FUNCTION: Allows you to assign reviewers based on the topics authors selected via the abstract submission wizard.

ASSIGNING PAPERS BY TOPIC

1. You can sort the list by paper number or topics.
2. To assign papers to reviewers, select the group of papers you want to assign.
3. From the "Choose Action for Selected Papers" drop-down box, select "Assign Reviewer."
4. An "Assign Reviewers" box will pop up; select the reviewers from the list, then click "Assign."

NOTE: Reviewers can ONLY see submissions assigned to them.

Select	Paper Number	Attachment	Title	Author and Affiliation	Topic 1	Topic 2	Topic 3	Author Topic
<input type="checkbox"/>	LA110-1				laser systems tics	Laser microscale materials processing and manufacturing	Laser 3D fabrication	
<input checked="" type="checkbox"/>	LA110-3		Surface structuring of zirconium based b...	Dold, Claus Institut für Werkzeugmaschinen und Fertigung	Laser microscale materials processing and manufacturing	Laser modification of material surface	Laser texturing and patterning	
<input checked="" type="checkbox"/>	LA110-4		Real-time adaptive optimization of laser...	Srisungsitthisunti, Pomsak King Mongkut's Institute of Technology	Laser nanoscale materials processing and manufacturing	Laser modification of material surface	Fundamental aspects of laser-materials interaction	
<input type="checkbox"/>	LA110-5		Investigations of laser ablation process...	Gecys, Paulius Ctr. for Physical Sciences and Technology	Laser processing in microelectronic and optoelectronic			

Assign Reviewers

Assign Selected Papers

- Computational Analysis of Evaporation In Tailored Microchannel Evaporators
- Dynamic analysis of angiogenesis in transgenic zebrafish embryos using a 3D multilayer chip-based technology.

Reviewers

- Becker, Holger
- Gray, Bonnie
- Anthony, Brian
- Gale, Bruce
- Henning, Albert
- Lin, Yu-Cheng
- Lin, Yuehe
- O'Sullivan, Ciara
- Papautsky, Ian
- Schenk, Harald
- Stieglitz, Thomas
- van den Berg, Albert
- Wang, Wanjun
- Weigl, Bernhard

Cancel Assign

[Return to CHAIR Table of Contents](#)

Individual Reviewer Assignments Tab

FUNCTION: Allows you to assign and/or **un-assign** papers to specific reviewers, and check review statuses.

ASSIGNING INDIVIDUAL PAPERS TO INDIVIDUAL REVIEWERS

1. From the “Individual Reviewer Assignments” tab, click on the name of the reviewer that you want to assign papers to.
2. Click on the “Unassigned Papers” tab to see the list of possible papers to assign to that reviewer.
3. Select the papers you want to assign to that reviewer
4. From the “Choose Action for Selected Papers” drop-down box, select “Assign Reviewer.”

NOTES:

- Reviewers can ONLY see submissions assigned to them.
- If you are assigning **MANUSCRIPT** reviewers from this tab, we recommend that before you begin your assignments, jot down which talks have withdrawn or canceled so that you can exclude them from your assignments (see Overview tab, Program Status column).

The screenshot shows the 'Individual Reviewer Assignments' tab. At the top, there are navigation tabs: Overview, Assign by Topics, Individual Reviewer Assignments (selected), Email Assignments, My Review Assignments, Reports, Committee Members, and Symposium Papers. Below the tabs, it says 'Assignments for: Prof. Craig B Arnold -' with 'Reviews: 0 Completed | 9 Assigned'. There are two sub-tabs: 'Assigned Papers' and 'Unassigned Papers' (marked with a red '2'). On the left, a 'Select Reviewer:' list includes several names, with 'Prof. Craig B Arnold' highlighted (marked with a red '1'). The main area is a table with columns: Select, Paper No., Attachment, Title, Author and Affiliation, Rating (1 to 5), Recommendation, and Reviewer Comments. A dropdown menu 'Choose Action for Selected Papers' (marked with a red '4') is open over the table, showing options: View Details, Assign Reviewer, Add Review Ratings and Comments, and Make Final Decisions by Paper and Email Review Comments. The table contains rows for papers LA110-3 through LA110-7, with LA110-6 checked (marked with a red '3').

UN-ASSIGNING PAPERS TO REVIEWERS

To un-assign a paper, go to the “Assigned Papers” tab, select the paper, then from the “Choose Action for Selected Papers” drop-down box, select “Unassign Reviewer.”

CHECKING REVIEW ASSIGNMENTS

After you have assigned papers to reviewers, you can check the assignments by looking at the “Individual Reviewer Assignments” tab, then the “Assigned Papers” tab.

ADDING REVIEWERS

If you need to add a name to your list of reviewers, [email your SPIE Coordinator](#) specifying the reviewer’s name, affiliation, email address, and conference.

UNABLE TO ASSIGN REVIEWERS?

If you are unable to assign reviewers, it is either because your conference is set up to assign all submissions to all reviewers, or your conference is not set up to allow reviews. To change this, you will need to [email your SPIE Coordinator](#) to request the ability to assign specific reviewers to specific papers.

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Email Assignments Tab: Notify Reviewers About Their Assignments

FUNCTION: Allows you to send a message to your reviewers with review assignments and instructions.

1. Select the reviewer's name.
2. Click "Email Assignments."
3. A box will pop up to display the message that will be sent. Type your instructions to reviewers in the text box, and these instructions will be included in your message. Sample:
Please review the following submissions. All reviews must be completed by **add due date for your reviewers to complete their assignments**. Provide a rating, recommendation, and detailed comments for each paper. Ratings should be based on the following considerations **add criteria reviewers should use for reviewing the papers** (the scale is based on 1 low to 5 high). Include your recommendation to accept or reject the paper, and include detailed, constructive comments that be sent to the authors.
4. Once you are ready to send the review assignment message to reviewers, click "Email Assignments."

The screenshot shows the 'Email Assignments' tab in a web application. The interface includes a navigation bar with tabs: Overview, Assign by Topics, Individual Reviewer Assignments, Email Assignments (selected), My Review Assignments, Reports, Committee Members, and Symposium Papers. Below the navigation bar is the 'Email Assignments' section, which contains a table with the following columns: Select, Committee Member, # Papers Assigned, Assignments Emailed, and Last Emailed Date. The table lists five reviewers: Dr. Yoshiki Nakata, Dr. Beat Neuenschwander, Dr. Stephan Roth, Prof. Xianfan Xu, and Prof. Craig B Arnold. A red circle '1' is placed over the 'Select' column, and a red circle '2' is placed over the 'Email Assignments' button. To the right of the table is a legend with two items: a green dot for 'Assignments have been emailed' and an orange dot for 'Additional papers have been assigned since the last assignments email was sent'. Below the table is a pop-up dialog titled 'Email Assignments' with a close button (x). The dialog contains the following text: 'Write your specific instructions including due date for reviews prior to emailing assignments. Your instructions will be inserted into the template email below. ?'. Below this text is a text area labeled 'Instructions to Reviewers' with a red circle '3' inside. Below the text area is a checkbox labeled 'Save my instructions above' which is checked. Below the text area is a 'Preview of Assignments Email' section with a sample email template. The template includes placeholders for MemberName, ChairInstructions, and PaperCollection. Below the preview is a 'Sending Assignments To:' section with a list of reviewers: Dr. Brandon Shaw and Dr. John Ballato. At the bottom of the dialog are two buttons: 'Email Assignments' (with a red circle '4' next to it) and 'Cancel'.

Select	Committee Member	# Papers Assigned	Assignments Emailed	Last Emailed Date
<input type="checkbox"/>	Dr. Yoshiki Nakata	46		
<input type="checkbox"/>	Dr. Beat Neuenschwander	46		
<input type="checkbox"/>	Dr. Stephan Roth	46		
<input type="checkbox"/>	Prof. Xianfan Xu	46		
<input type="checkbox"/>	Prof. Craig B Arnold	9		

Legend

- Assignments have been emailed
- Additional papers have been assigned since the last assignments email was sent

Email Assignments

Write your specific instructions including due date for reviews prior to emailing assignments. Your instructions will be inserted into the template email below. ?

Instructions to Reviewers

Save my instructions above

Preview of Assignments Email

{{MemberName}},

{{ChairInstructions}}

You have been assigned the following manuscripts to review for the conference Fiber Lasers XI: Technology, Systems, and Applications.

{{PaperCollection}}

To access the review system, <http://spie.org/MyAccount> and click on the meeting name under MySPIE Submission System.

Any questions regarding your assignments should be directed to me. If you have questions or concerns about the Review System contact your SPIE Conference Program Coordinator, Jen Lowell at jenl@spie.org.

Thank You,
Prof. Siddharth Ramachandran

Sending Assignments To:

- Dr. Brandon Shaw
- Dr. John Ballato

Email Assignments Cancel

My Review Assignments Tab: Chairs Can Enter ALL Reviews onto One Page

Note: This is *NOT* the same as the Final Chair Decision. This is for conference chairs to rate and review like a reviewer. If you want to mark multiple papers as accepted or rejected, etc. (for the Final Chair Decision), [see How to EDIT FINAL DECISIONS BY GROUP \(Mark Multiple Papers as Accept/Reject, Invited, Keynote/Poster\).](#)

1. Make sure you are on the “My Review Assignments” tab, and that you have assigned papers for you to review.
2. **Enter review rating** directly onto this page (click on “Add Rating” and enter score, then click “Save” to save). Please provide a rating (the scale is based on 1 low to 5 high).
3. **Enter recommendation to accept or reject** (click on “Pending” and select “Accept” or “Reject”).
4. **Enter reviewer comments** directly onto this page (click on “Add Comment” and type comments, then click “Save” to save).
5. See tally of papers assigned to you to review, and tally of reviews you’ve completed.

Paper No.	Attachment	Review Closed	Title	Author and Affiliation	Rating (1 to 5)	Recommendation	Reviewer Comments
LA110-1			Focal length stabilization of a tunable lens integrated focus shifting unit	Eberle, Gregory ETH Zurich	3.0	Accept	tunable lens
LA110-3			Surface structuring of zirconium based b...	Dold, Claus Institut für Werkzeugmaschinen und Fertigung	Add Rating	Pending	Add Comment
LA110-4			Real-time adaptive optimization of laser...	Srisingsitthisunti, Pornsak King Mongkut's Institute of Technology	Add Rating	Pending	Add Comment
LA110-5			Investigations of laser ablation process...	Gecys, Paulius Ctr. for Physical Sciences and Technology	Add Rating	Pending	A...
LA110-6			Theoretical analysis of laser cutting of	Bruegmann, Michael Univ. Bern	Add Rating	Pending	


REMEMBER
If you **changed** the “Chair Decision” to “Accept” or “Reject,” the **review is closed**. To **reopen** the review, change to “Pending.” This can be done in bulk on the Overview tab, or individually within the submission, under “Chair Final Decision.”

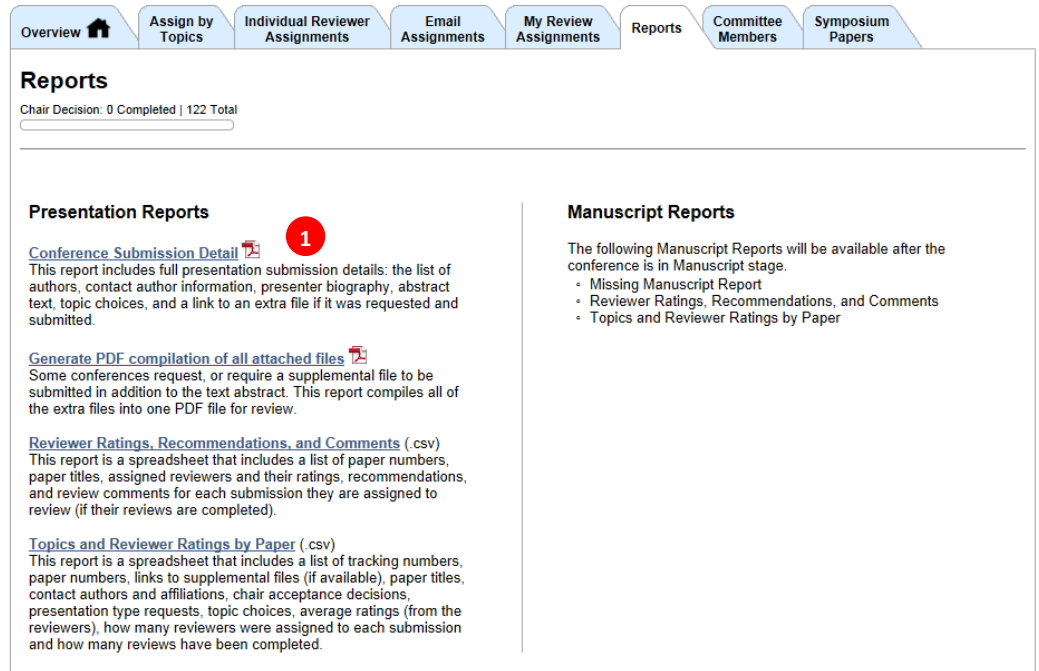
If your ratings, comments, or recommendations **disappear**, refresh your browser to see the changes you’ve made.


Reports Tab

FUNCTION: Allows you to generate presentation and manuscript reports.

1. To generate a presentation or manuscript report from the list, click on the title of the report.

- If you see a PDF icon  next to the report title, it will open as a PDF.
- If you see “(.csv)” next to the report title, it will open in MSExcel.





Overview  Assign by Topics Individual Reviewer Assignments Email Assignments My Review Assignments Reports Committee Members Symposium Papers

Reports

Chair Decision: 0 Completed | 122 Total

Presentation Reports

[Conference Submission Detail](#)  **1**
This report includes full presentation submission details: the list of authors, contact author information, presenter biography, abstract text, topic choices, and a link to an extra file if it was requested and submitted.

[Generate PDF compilation of all attached files](#) 
Some conferences request, or require a supplemental file to be submitted in addition to the text abstract. This report compiles all of the extra files into one PDF file for review.

[Reviewer Ratings, Recommendations, and Comments \(.csv\)](#)
This report is a spreadsheet that includes a list of paper numbers, paper titles, assigned reviewers and their ratings, recommendations, and review comments for each submission they are assigned to review (if their reviews are completed).

[Topics and Reviewer Ratings by Paper \(.csv\)](#)
This report is a spreadsheet that includes a list of tracking numbers, paper numbers, links to supplemental files (if available), paper titles, contact authors and affiliations, chair acceptance decisions, presentation type requests, topic choices, average ratings (from the reviewers), how many reviewers were assigned to each submission and how many reviews have been completed.

Manuscript Reports

The following Manuscript Reports will be available after the conference is in Manuscript stage.

- Missing Manuscript Report
- Reviewer Ratings, Recommendations, and Comments
- Topics and Reviewer Ratings by Paper

PRESENTATION REPORT: Conference Submission Detail

This report includes full presentation submission details: the list of authors, contact author information, presenter biography, abstract text, topic choices, and a link to an extra file if it was requested and submitted. *[Reviewers also have access to this report]*

PRESENTATION REPORT: Generate PDF compilation of all attached files

Some conferences request, or require a supplemental file to be submitted in addition to the text abstract. This report compiles all of the extra files into one PDF file for review. *[Reviewers have access to this report if conference is set up to accept supplemental abstract files]*

PRESENTATION REPORT: Reviewer Ratings, Recommendations, and Comments (.csv)

This report is a spreadsheet that includes a list of paper numbers, paper titles, assigned reviewers and their ratings, recommendations, and review comments for each submission they are assigned to review (if their reviews are completed).

PRESENTATION REPORT: Topics and Reviewer Ratings by Paper (.csv)

This report is a spreadsheet that includes a list of tracking numbers, paper numbers, links to supplemental files (if available), paper titles, contact authors and affiliations, chair acceptance decisions, presentation type requests, topic choices, average ratings (from the reviewers), how many reviewers were assigned to each submission and how many reviews have been completed.

MANUSCRIPT REPORT: Missing Manuscript Report

This report includes a list of manuscripts that still need to be submitted and contact author information for follow up.

MANUSCRIPT REPORT: Reviewer Ratings, Recommendations, and Comments (.csv)

This report is a spreadsheet that includes a list of paper numbers, paper titles, assigned reviewers and their ratings, recommendations, and review comments for each manuscript they are assigned to review (if their reviews are completed).

MANUSCRIPT REPORT: Topics and Reviewer Ratings by Paper (.csv)

This report is a spreadsheet that includes a list of paper numbers, links to manuscripts (if available), paper titles, contact authors and affiliations, chair acceptance decisions, presentation types, topic choices, average ratings (from the reviewers), how many reviewers were assigned to each manuscript, and how many reviews have been completed.

Committee Members Tab


FUNCTION: Use this tab to view your committee members, and send them emails

Select	Committee Member	Committee Role	Affiliation	Email
<input type="checkbox"/>				
<input type="checkbox"/>	Dr. Zakya H Kafafi	Chair	National Science Foundation	Email address will display here
<input type="checkbox"/>	Prof. Christoph J Brabec	Co-chair	Friedrich-Alexander-Univ. Erlangen-Nürnberg	
<input type="checkbox"/>	Dr. Paul A Lane	Co-chair	U.S. Naval Research Lab.	
<input type="checkbox"/>	Prof. Paul L Burn	Program Committee	The Univ. of Queensland	
<input type="checkbox"/>	Prof. René A Janssen	Program Committee	Technische Univ. Eindhoven	
<input type="checkbox"/>	Dr. Bernard Kippelen	Program Committee	Georgia Institute of Technology	
<input type="checkbox"/>	Dr. Ana F Nogueira	Program Committee	Univ. Estadual de Campinas	
<input type="checkbox"/>	Dr. Barry P Rand	Program Committee	IMEC	
<input type="checkbox"/>	Prof. Ifor D Samuel	Program Committee	Univ. of St. Andrews	
<input type="checkbox"/>	Prof. Sean E Shaheen	Program Committee	Univ. of Colorado at Boulder	
<input type="checkbox"/>	Prof. Jiangeng Xue	Program Committee	Univ. of Florida	
<input type="checkbox"/>	Prof. Yang Yang	Program Committee	Univ. of California, Los Angeles	
<input type="checkbox"/>	Prof. He Yan	Program Committee	Hong Kong Univ. of Science and Technology	
<input type="checkbox"/>	Prof. Teketel Yohannes	Program Committee	Addis Ababa Univ.	
<input type="checkbox"/>				

Symposium Papers Tab: View Submissions from another Conference

FUNCTION: Use this tab to view submissions from another conference within your symposium.

1. Click on the conference title to open up the list of submissions within that conference.
2. Click on a conference chair's name to email a conference chair.
3. Click on the Conference Program Coordinator's name to send an email to the SPIE Coordinator.

Overview  Assign by Topics Individual Reviewer Assignments Email Assignments My Review Assignments Reports Committee Members Symposium Papers				
Conference List for SPIE LASE				
Conference	Volume	Conference Title	Chair	Conference Program Coordinator
LA101	LA101	Solid State Lasers XXIII: Technology and Devices 1	Clarkson, W. Andrew, Univ. of Southamp Shori, Ramon K., Naval Air Warfare Ctr. Weapons Div. 2	Jen Lowell 3
LA102	LA102	Laser Resonators, Microresonators, and Beam Control XVI	Kudryashov, Alexis V., Moscow State Open Univ. Paxton, Alan H., Air Force Research Lab. Ilchenko, Vladimir S., OEwaves, Inc.	Jen Lowell
LA103	LA103	Fiber Lasers XI: Technology, Systems, and Applications	Ramachandran, Siddharth, Boston Univ.	Jen Lowell
LA104	LA104	High Energy/Average Power Lasers and Intense Beam Applications VIII	Davis, Steven J., Physical Sciences Inc. Heaven, Michael C., Emory Univ. Schiraf, J. Thomas, Muns...	Jen Lowell

View ABSTRACT SUBMISSION Details

1. From the Overview tab, select the abstracts you want to view.
2. Click on the Choose Action for Selected Papers box and select "View Details."
3. If you only want to view one abstract, you can click on the paper title to open the abstract details.

Select	Paper Number	Attachment	Title	Author and Affiliation	Chair Decision	Invited	Presentation Type Assigned	Presentation Type Requested	Assignments Emailed	Reviews Completed	Program Status	Reviews Emailed
<input type="checkbox"/>	LA110-1				Pending		Oral	Oral	2 completed 7 assigned	Submitted		
<input checked="" type="checkbox"/>	LA110-3				Pending		Oral	Oral	1 completed 7 assigned	Submitted		
<input type="checkbox"/>	LA110-4				Pending		Oral	Oral	1 completed 7 assigned	Submitted		
<input checked="" type="checkbox"/>	LA110-5	Investigations of laser ablation processes in		Gecys, Paulius Ctr. for Physical Sciences and Technology	Pending		Oral	Oral	1 completed 7 assigned	Submitted		
<input type="checkbox"/>	LA110-6	Theoretical analysis of		Bruegmann, Michael	Pending		Oral	Oral	0 completed	Submitted		

PAPER DETAILS (for abstract)

4. Submission Date
5. Authors
6. Contact Author
7. Presenter
8. Presenter Biography
9. Summary Text for Online or Printed Programs
10. Abstract Text for Technical Review
11. Topics (selected by author during submission wizard)
12. View Additional File Submitted (if this feature is enabled for the conference)

Paper Details

Submit Date: 23 July 2012

Author(s): Dr. Woohong Kim, Dr. Catalin Florea, Dr. Daniel Gibson, Dr. Brandon Shaw, Dr. Steve Bowman, Dr. Shyam Bayya, Dr. Ishwal Aggalwar, Dr. Jasbinder Sanghera

Contact Author: Dr. Woohong Kim

Presenter: Dr. Woohong Kim

Presenter Biography: Dr. Kim received his PhD from University of Massachusetts-Lowell and he worked for Samsung Electronics as a senior researcher for 5 years in development of organic and inorganic EO materials and devices prior to joining NRL. Since he joined NRL, he has been involved in multiple projects in the development of ceramic and glass materials for solid state lasers and IR window applications as well as organic/inorganic E/O materials and devices. He has published more than 80 refereed papers and been awarded 16 patents. Currently he is a head of high purity material section at NRL.

Summary Text for Online or Printed Programs: Crystal fibers offer several advantages over glass fibers (such as silica fiber) due to their higher thermal conductivity and higher SBS threshold, along with excellent environmental stability and higher doping concentrations. Based on their superior properties, it is expected that we can get more than 50kW of single frequency output power from a single mode fiber laser based upon a Yb-doped YAG single crystal fiber. However, it has been difficult to fabricate high quality core/clad crystalline fibers. In this paper, we present our recent results in developing single crystal fibers for high power single frequency fiber lasers. The optical, spectral and morphological properties as well as the loss and gain measured from these crystal fibers drawn by our state-of-the-

Abstract Text for Technical Review: Crystal fibers offer several advantages over glass fibers (such as silica fiber) due to their higher thermal conductivity and higher SBS threshold, along with excellent environmental stability and higher doping concentrations. Based on their superior properties, it is expected that we can get more than 50kW of single frequency output power from a single mode fiber laser based upon a Yb-doped YAG single crystal fiber. However, it has been difficult to fabricate high quality core/clad crystalline fibers. In this paper, we present our recent results in developing single crystal fibers for high power single frequency fiber lasers. The optical, spectral and morphological properties as well as the loss and gain measured from these crystal fibers drawn by our state-of-the-

Topics: Topic 1: High-Power Sources, Topic 2: Material Properties/Photodarkening/Reliability, Topic 3: Author Topic:

Additional File Submitted: View Abstract Attachment

[Return to CHAIR Table of Contents](#)

REVIEW RATING AND COMMENT (for abstract)

13. Rate the abstract
14. Note your recommendation
15. Add your comments
16. SAVE REVIEW

If you see this message:

The chair's final decision has been made and the review of this paper is now complete. **No changes** can be made to the rating or comments.

...it is because the Chair Review Decision (under Final Chair Decision) has been changed to Accept or Reject.

Your Review Rating & Comments
Provide a rating, recommendation and comments as a Reviewer. This is optional for Chairs.

Submission Rating: Rating (1 to 5): 3.0 (13)
 I do not wish to rate this paper (?)

Recommendation: Pending (14)

Reviewer Comment: (15)
Character Count: 0000 of 10,000

(16) Save Review

FINAL CHAIR DECISION (for abstract)

17. Make final decisions regarding accepting or rejecting abstract. *NOTE: The Chair Review Decision must be "Pending" in order for Reviewers to rate and review. Changing the final chair decision to "Accept" or "Reject" will close the submission to review.*
18. Recommend for Another Conference (if the paper is not suitable for your conference, you can recommend it be transferred)
19. Invited (mark a paper as invited)
20. Presentation Type Requested (displays author's request)
21. Presentation Type Assigned (choose oral, poster, or keynote)
22. Enter Chair Comments
23. SAVE DECISION

Final Chair Decision
Make your final decision regarding acceptance or rejection of a paper, or recommend that the paper be transferred to a...

Chair Review Decision: Pending (17)

Recommend for Another Conference: Select conference you recommend this paper be transferred to... (18)

Invited: Yes No (19)

PRESENTATION TYPE
Requested: Poster Preferred (20)
Assigned: Oral (21)

Chair Comments: (22)
Character Count: 0000 of 2000

(23) Save Decision

ASSIGNED REVIEWERS & COMMENTS (for abstract)



24. View the ratings, recommendations, and comments made by all Reviewers; this information can only be viewed by the Conference Chair
25. Assign additional reviewers to abstract
26. Check review comments for appropriateness and email the review comments to the author (emailing author is optional, and email can be edited before sent)
27. Send email to reviewer

Assigned Reviewers & Comments
View the ratings and recommendations made by Reviewers, assign Reviewers or email Reviewer comments to Authors.

Name	Affiliation	Rating	Recommendation	Reviewer Comments	Email
Bachmann, Friedrich	FriBa LaserNet	3.5	Accept (24)		Email (27)
Heinemann, Stefan	DirectPhotonics Industries GmbH	4.2	Accept	quite an interesting application of QWL. The details of design	Email
Zediker, Mark	Foro Energy, Inc.		Pending		Email
Zucker, Erik	JDSU	2.5	Accept	Might be better suited for the novel in-plane devices session,	Email
Average Rating:		3.4			

(25) Assign Reviewers (26) Email Comments to Author
*The email to the author can be edited.


CHECKING SUBMISSION STATUS OF SUPPLEMENTAL ABSTRACT FILE

- Supplemental abstract files received are indicated by a PDF icon  in the Attachment column of the Overview Tab.
- Clicking on the  icon will open the abstract file.

LA103-4	 all-glass optical fibers derived from sapphire	Dragic, Peter Univ. of Illinois at Urbana-Champaign	Pending	No	Oral	Oral, but Poster okay	0 completed 6 assigned	Submitted
LA103-8	 Hyperspectral optical fiber refractive index mea...	Yablon, Andrew Interfiber Analysis	Pending	No	Oral	Oral	1 completed 7 assigned	Submitted
LA103-8	 Hyperspectral optical fiber refractive index mea...	Yablon, Andrew Interfiber Analysis	Pending	No	Oral	Oral	1 completed 7 assigned	Submitted

HOW TO DOWNLOAD PDF COMPILATION OF ALL SUPPLEMENTAL ABSTRACT FILES


1. Click on the “Reports” tab.
2. Click on “Generate PDF compilation of all attached files.”

Overview  Assign by Topics Individual Reviewer Assignments Email Assignments My Review Assignments **1** Reports Committee Members Symposium Papers


Reports

Chair Decision: 0 Completed | 104 Total

Presentation Reports

[Conference Submission Detail](#) 

This report includes full presentation submission details: the list of authors, contact author information, presenter biography, abstract text, topic choices, and a link to an extra file if it was requested and submitted.

2 [Generate PDF compilation of all attached files](#) 

Some conferences request, or require a supplemental file to be submitted in addition to the text abstract. This report compiles all of the extra files into one PDF file for review.


[Reviewer Ratings, Recommendations, and Comments](#) (.csv)

This report is a spreadsheet that includes a list of paper numbers, paper titles, assigned reviewers and their ratings, recommendations, and review comments for each submission they are assigned to review (if their reviews are completed).

[Topics and Reviewer Ratings by Paper](#) (.csv)

This report is a spreadsheet that includes a list of tracking numbers, paper numbers, links to supplemental files (if available), paper titles, contact authors and affiliations, chair acceptance decisions, presentation type requests, topic choices, average ratings (from the reviewers), how many reviewers were assigned to each submission and how many reviews have been completed.

Manuscript Reports

[Missing Manuscript Report](#) 

This report includes a list of manuscripts that still need to be submitted and contact author information for follow up.

[Reviewer Ratings, Recommendations, and Comments](#) (.csv)

This report is a spreadsheet that includes a list of paper numbers, paper titles, assigned reviewers and their ratings, recommendations, and review comments for each manuscript they are assigned to review (if their reviews are completed).

[Topics and Reviewer Ratings by Paper](#) (.csv)

This report is a spreadsheet that includes a list of paper numbers, links to manuscripts (if available), paper titles, contact authors and affiliations, chair acceptance decisions, presentation types, topic choices, average ratings (from the reviewers), how many reviewers were assigned to each manuscript, and how many reviews have been completed.

View MANUSCRIPT SUBMISSION Details

1. From the Overview tab, select the paper(s) you want to view.
2. Click on the Choose Action for Selected Papers box and select "View Details."
3. If you only want to view one paper, you can click on the paper title to open the paper details.

Select	Paper Number	Attachment	Title	Author and Affiliation	Chair Decision	Invited	Assignments Emailed	Reviews Completed	Program Status	Reviews Emailed
<input type="checkbox"/>	8825-1		Degradation of transparent conductive oxides, an...	Lemire, Heather SDLE Center	Pending		0 completed 0 assigned		In Program	
<input type="checkbox"/>	8825-2		Predicting PV module service life	Wohlgemuth, John National Renewable Energy Lab	Pending	Yes	0 completed 0 assigned		In Program	
<input checked="" type="checkbox"/>	8825-3		Characterization of defects in encapsulated sola...	Sánchez-Carballido, Sergio Infrared Lab. - Universidad Carlos III de Madrid (LIR-UC3M)	Pending		0 completed 0 assigned		In Program	
<input type="checkbox"/>	8825-4		Stress analysis of encapsulated solar cells by m...	Dietrich, Sascha Fraunhofer-Ctr für Silizium-Photovoltaik	Pending		0 completed 0 assigned		In Program	

Characterization of defects in encapsulated solar modules using infrared lock-in thermography

Paper No.: 8825-3
Tracking No.: OP13S-OP208-5
Conference: Reliability of Photovoltaic Cells, Modules, Components, and Systems VI

PAPER DETAILS (for manuscript)

4. View Manuscript file
5. Submission Date
6. Authors
7. Contact Author
8. Abstract Text for Review
9. Topics selected by author during submission wizard

REVIEW RATING AND COMMENT (for manuscript)

10. Rate the manuscript
11. Note your recommendation to accept or reject
12. Add your comments
13. SAVE REVIEW

If you see this message:

The chair's final decision has been made and the review of this paper is now complete. **No changes** can be made to the rating or comments.

...it is because the Chair Review Decision (under Final Chair Decision) has been changed to Accept or Reject.

[Return to CHAIR Table of Contents](#)

FINAL CHAIR DECISION (for manuscript)

1. Make final decisions regarding accepting, rejecting, or revising manuscript. *NOTE: The Chair Review Decision must be "Pending" in order for Reviewers to rate and review the manuscript. Changing the final chair decision to "Accept" or "Reject" will close the manuscript to reviews.*
2. Mark invited papers (if status has changed)
3. Enter Chair Comments
4. SAVE DECISION

Final Chair Decision
Make your final decision regarding acceptance or rejection of a paper, or recommend that the paper be transferred to a more suitable conference.

Chair Review Decision: Pending 1

Invited: Yes No 2

Chair Comments: 3

Character Count: 0000 of 2000

4 Save Decision

ASSIGNED REVIEWERS & COMMENTS (for manuscript)

5. View the ratings, recommendations, and comments made by all Reviewers; this information can only be viewed by the Conference Chair
6. You can also add reviewers from here
7. Check review comments for appropriateness and email the review comments to the author (emailing author is optional, and email can be edited before sent)
8. Send email to reviewer

Assigned Reviewers & Comments

Name	Affiliation	Rating	Recommendation	Reviewer Comments	Email
Rodgers, Marianne	Univ. of Central Florida	4.8	Accept	The authors are presenting a study of microbial fuel cells	8
Average Rating:		4.8			



5


6 Assign Reviewers

7 Email Comments to Author

*The email to the author can be edited.

CHECKING SUBMISSION STATUS OF MANUSCRIPT FILE

- Manuscripts received and author-approved are indicated by a PDF icon  in the Attachment column of the Overview Tab.
- Clicking on the  icon will open the manuscript.

<input type="checkbox"/>	8472-6	Reproducing wind-induced excitation of PV module...	Schueneman, Herbert Westpak, Inc.	Pending	Yes	0 completed 3 assigned	In Program
<input type="checkbox"/>	8472-7	 Thermal stresses in a pre-framed silicon-based p...	Suhir, Ephraim Univ. of California, Santa Cruz	Pending	No	0 completed 3 assigned	In Program
<input type="checkbox"/>	8472-8	Determination of moisture ingress through back a...	Kim, Namsu Korea Electronics Technology Institute	Pending	No	0 completed 3 assigned	In Program

Email Review Comments to Author

- From the Overview tab, select the paper or group of papers that you want to send the review comments to.
- Go to the drop-down list, and select “Email Review Comments to Author.” This will take you to the review comments section of each paper you’ve selected.

[← Back to Overview](#)

Review Tasks & Paper Details

[Next selected paper >](#)

LA117-7 Cutting and drilling of Carbon Fiber Reinforced Pl...
Reviews: 3 completed | 3 assigned

LA117-15 Superior power handling in fiber optic cables for ...
Reviews: 5 completed | 5 assigned

Paper Title

Paper No.: LA117-7
Tracking No.: PW14L-LA117-7
Conference: High-Power Laser Materials Processing: Lasers, Beam Delivery, Diagnostics, and Applications III

▸ Paper Details

Review the details of this paper including author names, abstract text, and view any attached files.

▸ Your Review Rating & Comments

Provide a rating, recommendation and comments as a Reviewer. This is optional for Chairs.

▸ Final Chair Decision

Make your final decision regarding acceptance or rejection of a paper, or recommend that the paper be transferred to a more suitable conference.

▾ Assigned Reviewers & Comments

View the ratings and recommendations made by Reviewers, assign Reviewers or email Reviewer comments to Authors.

Name	Affiliation	Rating	Recommendation	Reviewer Comments	Email
Reviewer's Name	BLZ Bayerisches Laserzentrum GmbH	2.5	Accept		Email
Reviewer's Name	Politecnico di Bari	4.0	Accept	The paper reports on an original experimental work on the laser	Email
Reviewer's Name	Paradigm Laser Research Ltd.	3.0	Accept	Small heat affected zones are rather obvious for short	Email
Average Rating:		3.2			

[Assign Reviewers](#)

[Email Comments to Author](#)

*The email to the author can be edited.

[^ Back to top](#)

[Next selected paper >](#)

- Click on the “Email Comments to Author” button to prompt email message box to open
 - text can be modified before email is sent
 - review comments must be sent one-by-one so that you review and modify the message before sending the email.

- Once the email message box opens, you can modify any of the text within the box prior to sending the email to the author.

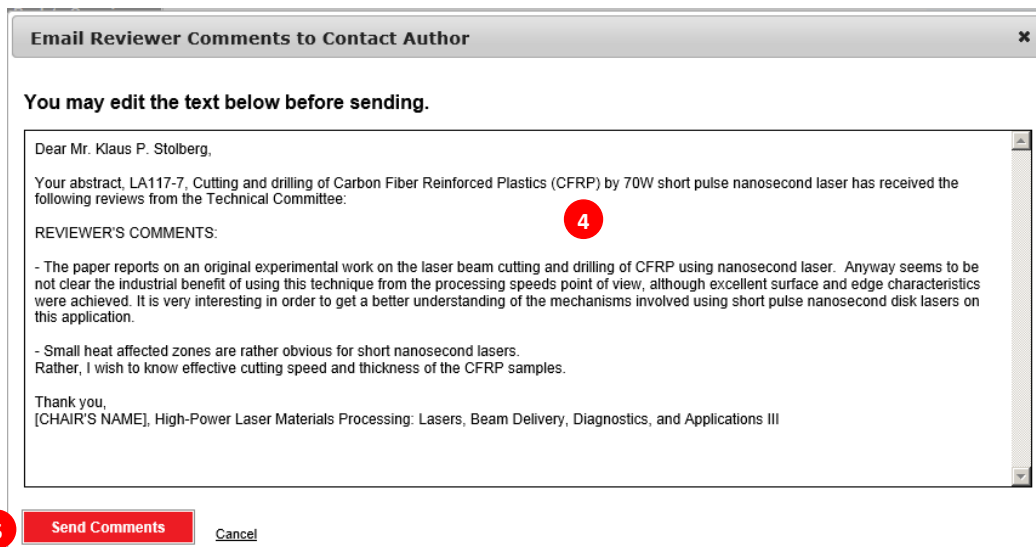
Suggestions:

- Requesting a Revision?** Include link and deadline in your email message. Sample text:

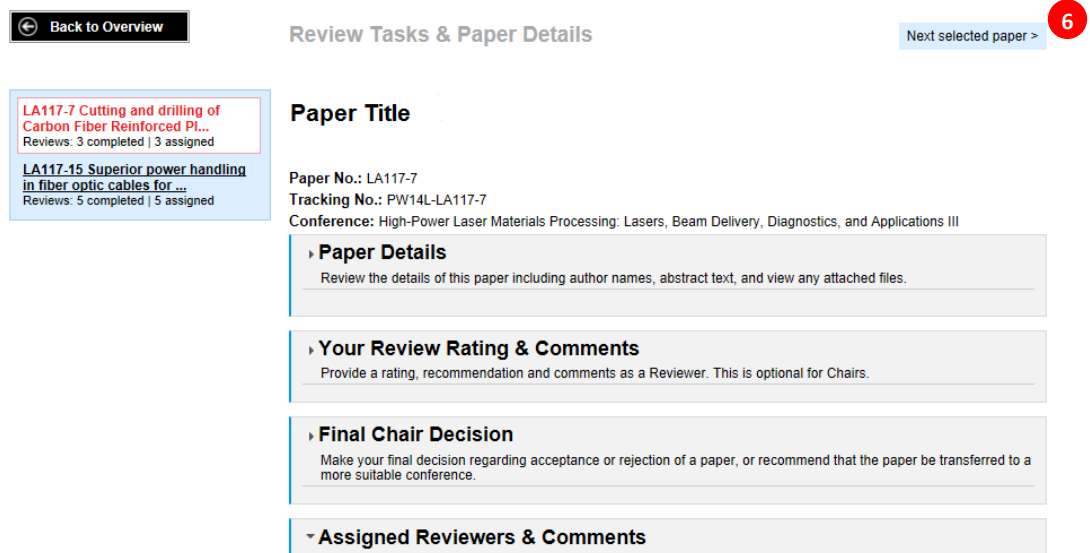
Please log on to <http://spie.org/myaccount> to revise your submission. The deadline for completing your revision is [enter deadline].

- Add **your email address** to the message, below your signature. Even though you are composing this message, the email is sent via the SPIE Program Coordinator’s email account, so the author has no way to contact you directly unless you insert your email address.

- Once you are satisfied with the email message, click the **“Send Comments”** button and the email will be sent to the contact author.



- If you’ve chosen a group of papers to send the review comments to, click on **“Next selected paper”** and repeat steps 3-5.



Check Status of Review Comments Emailed to Author

In the far right column, you'll see "Reviews Emailed"

1. A green dot indicates that you have sent an email to the contact author with reviewer comments.
2. An orange dot indicates that you have sent an email to the contact author with reviewer comments, but additional review comments have been added by reviewers after you sent the initial email to the author.
3. If there is neither a green or orange dot in this column, this indicates that you have not yet sent any review comments to the contact author via the review system.

Select	Paper Number	Attachment	Title	Author and Affiliation	Chair Decision	Invited	Presentation Type Assigned	Presentation Type Requested	Assignments Emailed	Reviews Completed	Program Status	Reviews Emailed
<input type="checkbox"/>	Select All (40) Choose Action for Selected Papers											
<input type="checkbox"/>	LA117-20		Laser Beam Drilling of Metal based Composites	Riegel, Harald Hochschule Aalen	Accept		Oral	Oral	●	3 completed 4 assigned	Submitted	
<input type="checkbox"/>	LA117-21		Characteristics of the heat resistant FBG sensor...	Nishimura, Akihiko Japan Atomic Energy Agency	Accept		Oral	Oral, but Poster okay	●	3 completed 5 assigned	Submitted	
<input type="checkbox"/>	LA117-22		Detection of nanoscale defects in optical thin f...	Chang, Ki Soo Korea Basic Science Institute	Accept		Poster	Poster	●	2 completed 3 assigned	Submitted	
<input type="checkbox"/>	LA117-24		In-line process control for laser welding of tit...	Lempe, Benjamin Westsächsische Hochschule Zwickau	Accept		Poster	Poster	●	3 completed 3 assigned	Submitted	
<input type="checkbox"/>	LA117-27		New method of measurement laser beam on focal pl...	Liu, Minshi Changchun Univ. of Science and Technology	Accept		Poster	Poster	●	5 completed 6 assigned	Submitted	
<input type="checkbox"/>	LA117-28		Monolithical aspherical beam expanding systems	Fuchs, Ulrike asphericon GmbH	Accept		Oral	Oral	●	3 completed 3 assigned	Submitted	●
<input type="checkbox"/>	LA117-29		Manufacturing process to improve roughness on as...	Kiontke, Sven asphericon GmbH	Accept		Oral	Oral	●	4 completed 6 assigned	Submitted	●
<input type="checkbox"/>	LA117-30		Modelling and simulation of a laser fusion cutti...	Pamin, Sirko Laser Zentrum Hannover e.V.	Accept		Oral	Oral	●	3 completed 3 assigned	Submitted	

INSTRUCTIONS FOR REVIEWERS: TABLE OF CONTENTS

Click on topic below to link to content

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How to Download Conference Submission Details for Abstract Review	22
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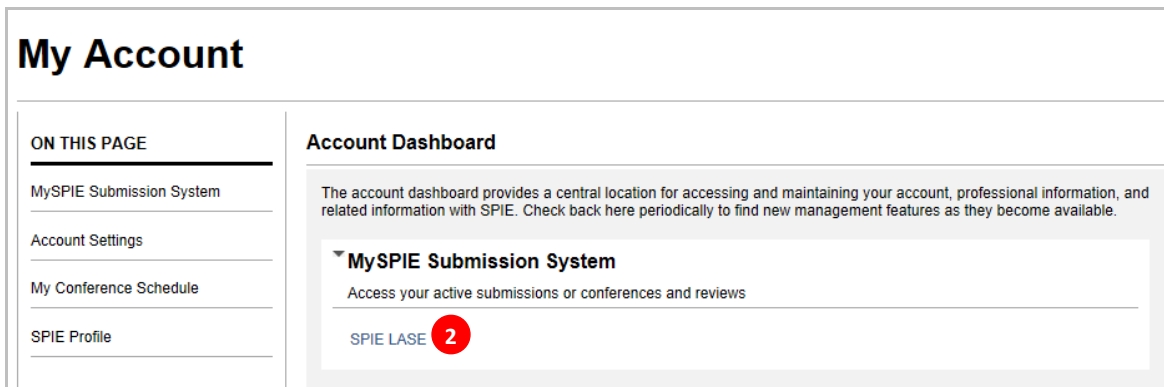
Introducing the SPIE Review System for Reviewers

BENEFITS AND FUNCTIONALITY

- Manage review tasks from one page
- Transparent review system; easy to view where papers are in the process and how much work has been done
- Incremental rating scale for scoring papers
- Option to enter all ratings and reviews on one page (the Dashboard) or go into each submission to rate and comment.
- Improved accessibility to all SPIE account information and Task List through new SPIE.org My Account dashboard

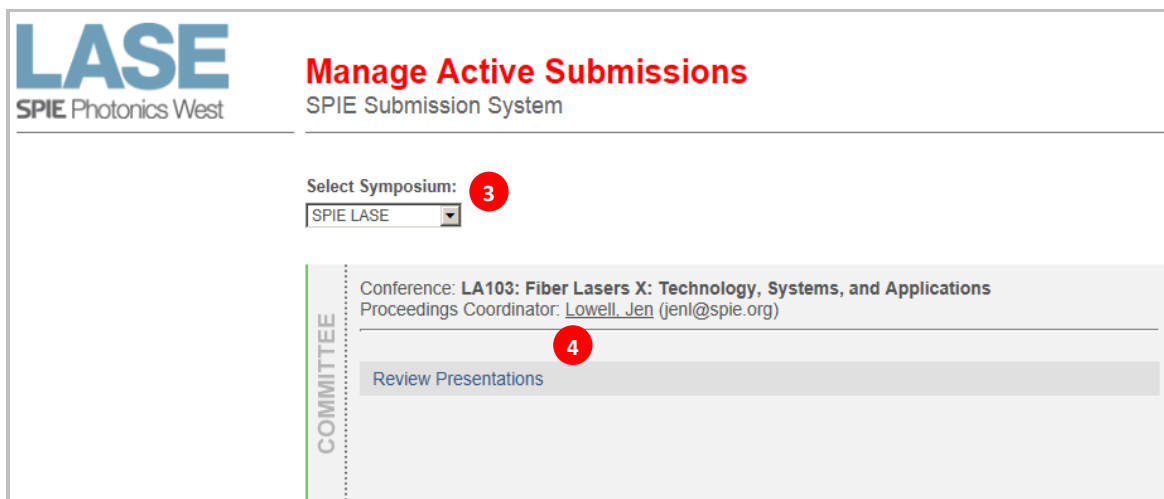
HOW TO ACCESS REVIEW SYSTEM

1. Sign in to <http://spie.org/myaccount> (or if you are already logged in to SPIE.org, click on the link in the upper left corner by your name that says “**View Your Account**”).
2. From the Account Dashboard, go to the section on “MySPIE Submission System” and click on the meeting.



3. Select a Symposium from the drop-down box (if not already selected).
4. Click on the action you would like to perform, such as “Review Presentations” or “Review Manuscripts” (the available action will depend on *which stage* the conference is in, and *which submissions* have been assigned to you by the Conference Chair).

NOTE: You will **ONLY** see submissions that the conference chair has assigned to you.



How to Download Conference Submission Details for Abstract Review

This report includes full presentation submission details: the list of authors, contact author information, presenter biography, abstract text, topic choices, and a link to an extra file if it was requested and submitted.

1. Click on the “**Reports**” tab.
2. Click on “**Conference Submission Detail.**”

The screenshot shows the SPIE submission system interface. At the top, there is a navigation bar with "Welcome Jen", "VIEW YOUR ACCOUNT", "SIGN IN", "SIGN OUT", "ABOUT SPIE", "CONTACT US", "HELP", and "SHOPPING CART". The SPIE logo is on the left, and the LASE SPIE Photonics West logo is on the right. Below the navigation bar, there is a "Review SPIE Submission System" section with a "Manage Active Submissions" button. The main content area is titled "Fiber Lasers XI: Technology, Systems, and Applications" with a "View Call Details" link. Below this, there is a "Reports" tab with a notification badge "1". The "Reports" section shows "Chair Decision: 0 Completed | 111 Total". Under "Presentation Reports", there is a link "2 Conference Submission Detail" with a notification badge "2". The description for this report states: "This report includes full presentation submission details: the list of authors, contact author information, presenter biography, abstract text, topic choices, and a link to an extra file if it was requested and submitted." Below this, there is a link "Generate PDF compilation of all attached files" with a notification badge "2". The description for this link states: "Some conferences request, or require a supplemental file to be submitted in addition to the text abstract. This report compiles all of the extra files into one PDF file for review."

How to Download Supplemental Files for Abstract Review

This feature is available *only* if the conference chair has asked SPIE to collect supplemental abstract files.

1. Click on the “**Reports**” tab.
2. Click on “**Generate PDF compilation of all attached files.**”

The screenshot shows the SPIE Submission System interface. At the top, there is a navigation bar with 'Welcome Jen', 'VIEW YOUR ACCOUNT', 'SIGN IN', 'SIGN OUT', 'ABOUT SPIE', 'CONTACT US', 'HELP', and 'SHOPPING CART'. The SPIE logo is on the left, and the LASE SPIE Photonics West logo is on the right. Below the navigation bar, there is a 'Review' section with the title 'SPIE Submission System' and a 'Manage Active Submissions' button. The main content area is titled 'Fiber Lasers XI: Technology, Systems, and Applications' with a 'View Call Details' link. Below this, there is a 'Reports' tab with a red notification badge containing the number '1'. The 'Reports' section shows 'Chair Decision: 0 Completed | 111 Total'. Under 'Presentation Reports', there are two links: 'Conference Submission Detail' and 'Generate PDF compilation of all attached files'. The 'Generate PDF compilation of all attached files' link has a red notification badge containing the number '2'. The text below this link explains that some conferences request supplemental files and that this report compiles them into one PDF file for review.

How to Enter Abstract Review Rating and Comments onto One Page

Review

SPIE Submission System

[Manage Active Submissions](#)

The general steps in the review process include: **1**) Rate the submission (1 to 5) -- the Chair will let you know if there are specific criteria for this rating, **2**) Recommend "accept" or "reject," **3**) Make review comments, **4**) Save.

Any questions regarding your assignments should be directed to the Chair. If you have questions or concerns about the Review System contact your Conference Program Coordinator, Jen Lowell (jenl@spie.org).

[User Guide for Review System](#) | [Guidelines for Reviewing Presentation Abstracts and Manuscripts](#)

Fiber Lasers XI: Technology, Systems, and Applications

1 Dashboard Reports

Reviews: 0 Completed | 108 Assigned 5

Paper No.	Attachment	Review Closed	Title	Author and Affiliation	Rating (1 to 5)	Recommendation	Reviewer Comments
LA103-2			High peak- and average-power, pulse shap...	Dinger, Reinhold ROFIN-SINAR Laser GmbH	Add Rating 2	Pending 3	Add Comment 4
LA103-5			Modular active laser guarding solutions	Tozer, Paul Lasernet Ltd.	Add Rating	Pending	Add Comment

1. Make sure you are on the “**Dashboard**” tab.
2. **Enter review rating** directly onto this page (click on “Add Rating” and enter score, then click “Save” to save). Please provide a rating (the scale is based on 1 low to 5 high).
3. **Enter recommendation to accept or reject** (click on “Pending” and select “Accept” or “Reject”).
4. **Enter reviewer comments** directly onto this page (click on “Add Comment” and type comments, then click “Save” to save).
5. See tally of papers assigned to you to review, and tally of reviews you’ve completed.

If your ratings, comments, or recommendations **disappear**, refresh your browser to see the changes you’ve made.

View *Individual* ABSTRACT Submission Details and Enter *Individual* Reviews

SUBMISSION DETAILS (for abstract)

1. Submission Date
2. Authors
3. Contact Author
4. Presenter
5. Presenter Biography
6. Summary Text for Online or Printed Programs
7. Abstract Text for Technical Review
8. Topics (selected by author during submission wizard)
9. View Additional File Submitted (*if this feature is enabled for the conference*)

REVIEW RATING AND COMMENT (for abstract)

10. Rate the abstract
11. You may **opt out** of reviewing a submission if there is a conflict of interest. Include a reviewer comment to explain reason to chair.
12. Note your recommendation
13. Add your comments
14. SAVE REVIEW

For **Review Instructions** and **Deadlines**, contact the Conference Chair

If you see following message:

The review of this abstract is now complete. No rating or comment changes can be made at this time.

...this indicates that the conference chair has made their final decision and the submission is closed to reviews.

High order ribbon fiber modes, simulations, and experiments for high power amplifiers

Paper No.: LA103-33

Tracking No.: PW13L-LA103-33

Conference: Fiber Lasers X: Technology, Systems, and Applications

Paper Details

Submitted: 18 July 2012

Author(s):
Dr. Derrek R Drachenberg [view details](#)
Dr. Michael J Messerly [view details](#)
Dr. Paul H Pax [view details](#)
Dr. Arun K Sridharan [view details](#)
Mr. John B Tassano [view details](#)
Dr. Jay W Dawson [view details](#)

Contact Author: Dr. Derrek R Drachenberg [view details](#)

Presenter: Dr. Derrek R Drachenberg

Presenter Biography: Derrek Reggle Drachenberg attended the College of Optics and Photonics (CREOL) at the University of Central Florida (UCF) where he did research in Spectral Beam Combining of high power fiber lasers. He was awarded a M.S. in Optics in 2009, and a Ph.D. in Optics in 2011 after which he joined Lawrence Livermore National Lab as a Postdoctoral Research Scientist in the NIF and Photon Science Directorate where his research is focused on novel fiber lasers for high average power applications.

Summary Text for Online or Printed Programs:

Theoretical limits on diffraction limited circular geometry fiber lasers limit the power to 2 kW for narrowband and 10-36 kW for broadband lasers. We have proposed a ribbon fiber geometry to allow scaling fiber lasers above these limits in which a high order ribbon mode is amplified and converted back to the fundamental mode in free space. Novel methods of illuminating a high order ribbon fiber mode are discussed and compared with modeling and experimental results showing high purity illumination, > 90%. A 10 kW single frequency ribbon fiber amplifier design is presented and BPM simulation results verify the approach.

Abstract Text for Technical Review:

High average power fiber lasers from 10s of kW to greater than 100 kW are of interest to manufacturers and the defense industry. Theoretical limits on diffraction limited circular geometry fiber lasers limit the average power to 2 kW for narrowband and 10-36 kW for broadband lasers. We have proposed an alternative ribbon fiber geometry to allow scaling of fiber lasers far above these limits in which a single high order ribbon mode with a high effective area is amplified and converted back to the fundamental mode once in free space. Ribbon fiber geometry offers increased effective area to mitigate nonlinear effects, and improved thermal properties. A 10 kW, single mode, and single frequency ribbon fiber amplifier design is presented and Beam

Topics:
Topic 1: High-Power Lasers
Topic 2: Fiber Design and Fabrication
Topic 3: Hybrid Fiber-Bulk Systems
Author Topic:

Additional File Submitted: [View Abstract Attachment](#)

Your Review Rating & Comments

Provide a rating, recommendation and comments as a Reviewer.

Submission Rating: Rating (1 to 5): 4.0

I do not wish to rate this paper (?)

Recommendation: Accept

Reviewer Comment: Character Count: 0000 of 10,000

Save Review

View MANUSCRIPT Details and Complete your MANUSCRIPT Review

PAPER DETAILS (for manuscript)

1. View Manuscript file
2. Manuscript Submission Date
3. Authors
4. Contact Author
5. Abstract Text for Review
6. Topics selected by author during submission wizard

The screenshot shows the 'Paper Details' section of a manuscript review interface. At the top left is a 'Back to Overview' button (12). At the top right is a 'Next selected paper >' button (13). The paper title is 'Interdependency of mechanical failure rate of encapsulated solar cells and module design parameters'. Below the title are the paper number (8472-25), tracking number (OP12S-OP206-6), and conference name. The 'Paper Details' section includes: 'Submit Date: 16 July 2012' (2); 'Author(s): Mr. Sascha Dietrich, Mr. Martin Sander, Mr. Matthias Pander, Dr. Matthias Ebert' (3); 'Contact Author: Mr. Sascha Dietrich' (4); 'Abstract Text for Technical Review:' (5) with a text area containing the abstract; and 'Topics:' (6) with a list of topic input fields.

REVIEW RATING AND COMMENT (for manuscript)

7. Rate the manuscript
8. You may **opt out** of reviewing a manuscript if there is a conflict of interest. Include a reviewer comment to explain reason to chair.
9. Select your recommendation to accept or reject
10. Add your comments
11. SAVE REVIEW

The screenshot shows the 'Your Review Rating & Comments' section. It includes a 'Submission Rating' slider set to 4.0 (7) with an 'I do not wish to rate this paper' checkbox (8). Below is a 'Recommendation' dropdown menu set to 'Accept' (9). A 'Reviewer Comment' text area (10) is provided with a character count of 0000 of 10,000. At the bottom right is a 'Save Review' button (11).

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If you see following message:

The review of this abstract is now complete. No rating or comment changes can be made at this time.

...this indicates that the conference chair has made their final decision and the submission is closed to reviews.

12. Return to list of papers
13. Go to next selected paper