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Newly Published Proceedings

Proceedings of SPIE

Augmenting Exploration
Parker Abercrombie
NASA Jet Propulsion Laboratory

Featured Presentation
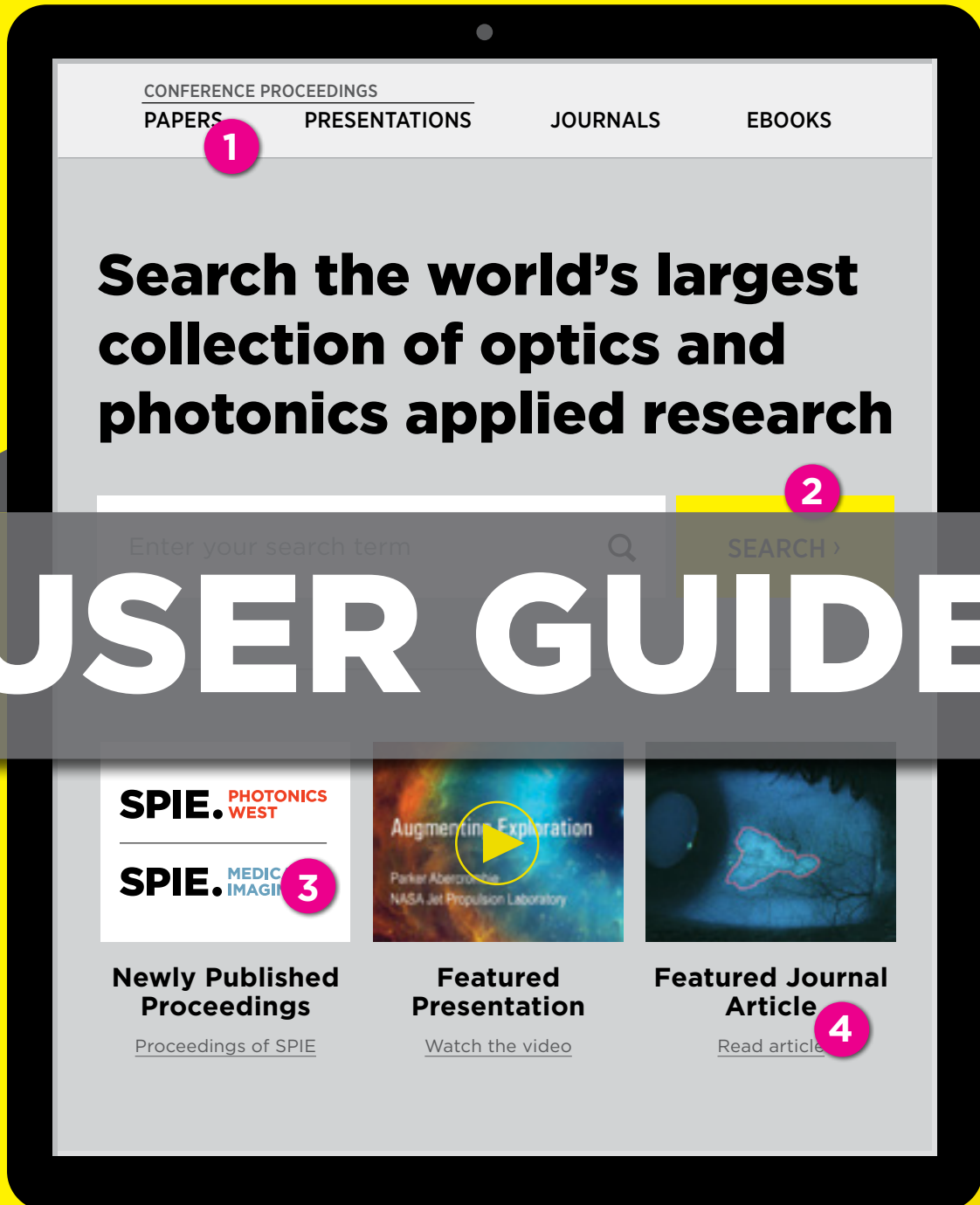
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Featured Journal Article **4**

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Proceedings

SPIE is the largest organizer of conferences, workshops, and symposia in the field of optics and photonics with over 300 conferences occurring annually. SPIE Proceedings are the rich outcome of these events, providing you with a snapshot of what is happening—right now.

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New Features

Improved Design and Navigation: The new site features a refreshed look, enhanced functionality, and improved user experience. Development of additional features and refinements will continue long past the launch.

Presentation Recordings: Presentation recording videos from SPIE conferences are featured on a dedicated landing page and are included as a search filter option. Papers with presentation recordings can be identified by this video icon next to the paper title: ▶️◀ Presentation + Paper

Full text HTML: Proceedings papers dating back to 2014 are displayed in full-text HTML. All SPIE Field Guide and Spotlight eBooks are also displayed in HTML format in addition to the downloadable PDF.

Personalization Tools: Creating a free personal account allows you save citations to a personal library and sign up for new content email alerts. Credentials for personal accounts have been carried forward to the new site, so no need to create a new account if you had one previously.

Mobile and Off-Site Access: The new mobile version of the site has been improved. If you work at a subscribing institution, after creating/logging into your personal account while on your subscribing organization's network, you will be affiliated with the institution's subscription and will have full off-site access.

Expanded Taxonomy: Our taxonomy of 4,000+ terms powers the related content recommendations and improved search to return the most relevant results.

Built In-House: The new SPIE Digital Library was designed and built in-house by our staff, allowing for greater flexibility, responsiveness, and a site that better houses our unique content

Home Page

1 **Search** – Perform a basic search using the new SPIE Optics & Photonics taxonomy coupled with semantic technology to return relevant results.

2 **Personal Account Sign-in** – *See page 5 for more information.*

3 **Featured Content** – See the most recently published papers from SPIE Conferences or Journals.
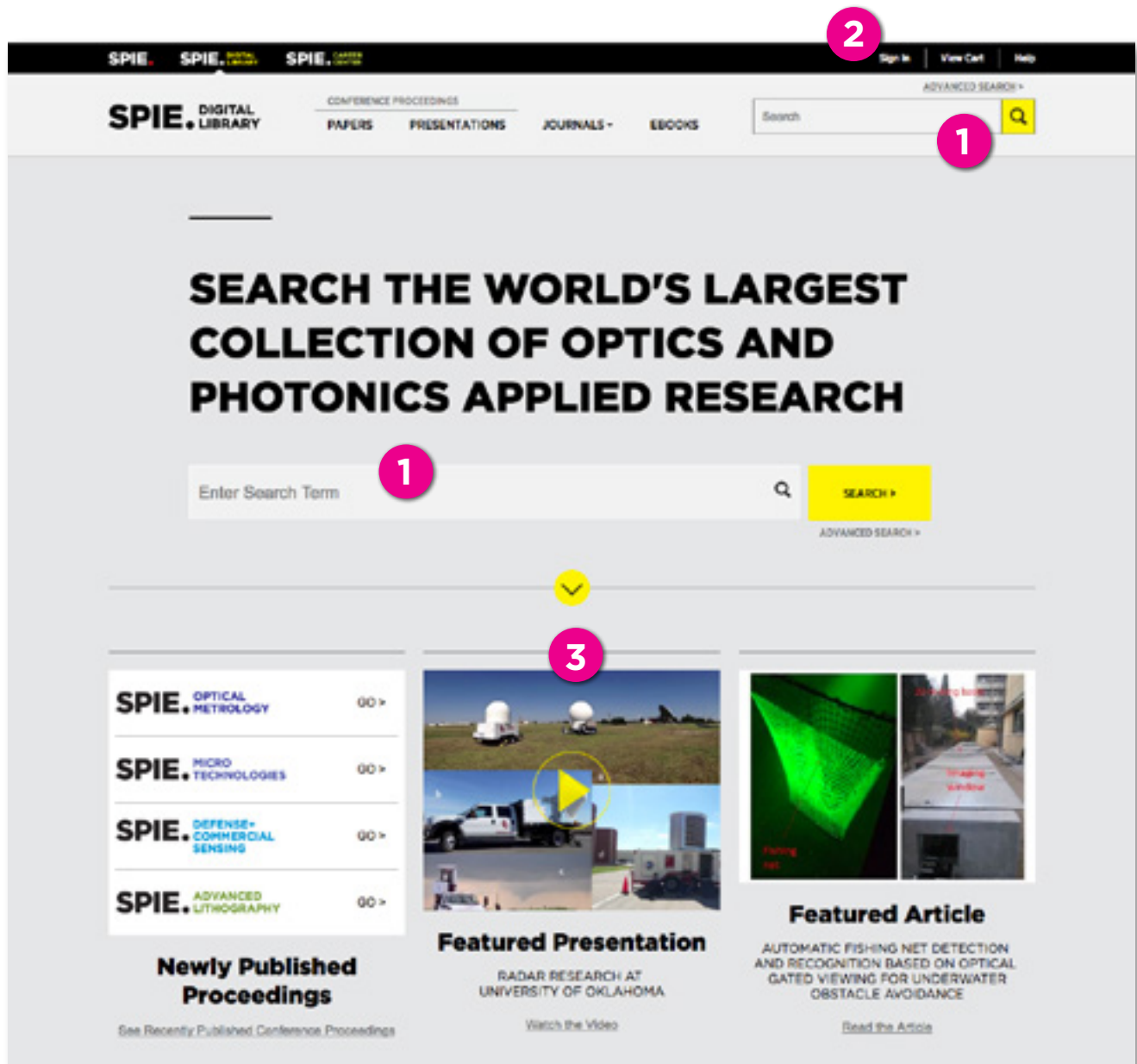
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(5) My Library – Save citations, add notes, create folders.

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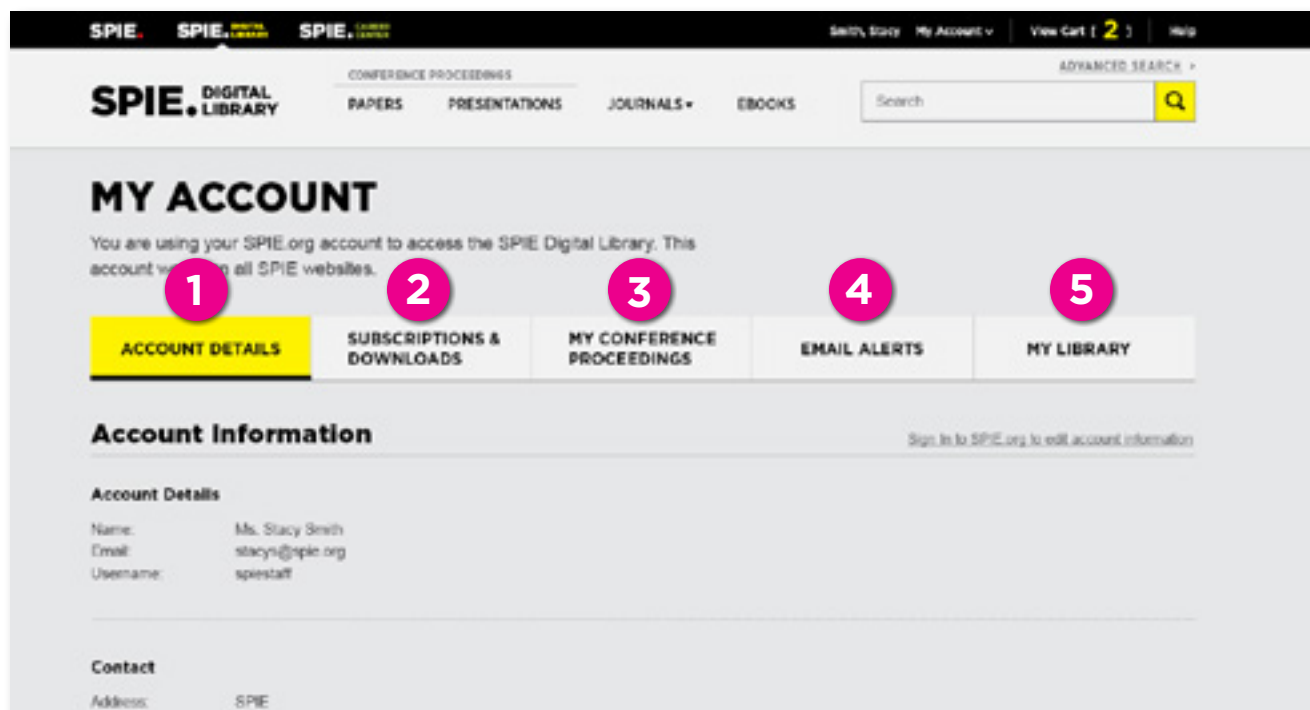
Advanced Search

Access advanced search by clicking the "Advanced Search" link above the search box on any page.

1 Search a combination of keywords, phrases, author names, and publication titles in all fields or limit your search to specific fields.

2 Search results can be refined by publication and/or publication date.

Search Results

The search results page includes powerful new filters to fine-tune the results.

1 Search within results and refine your search results.

2 Add and remove filters, such as publication type, year, and keywords.

3 Sort and display preferences.

4 Download PDF or Save to My Library directly from the results page.

Article Pages

Proceedings and Journal Article pages include:

1 New tabs to view the paper in its entirety, jump to a specific section, view only the figures and tables, see supplemental content, find citing articles, or view the references.

2 Download a PDF or save the paper for later by adding to My Library, accessed through your personal account.

3 Share the paper on popular social media sites or by emailing a link.

4 Get citations in popular formats, such as End Note, BibTeX, and others.

Article Pages (cont'd.)

5 Graphical representation of keywords in the paper showing relative weighting of terms.

6 Related Content – Links to other papers that cover similar subject matter.

Conference Presentations

Since the start of 2017, the majority of presentations at SPIE Conferences have been recorded. These Conference Presentation recordings capture a presenter's slide and audio presentation, and are available for viewing on the SPIE Digital Library.

1 There is a dedicated Conference Presentation page searchable by year, conference, technology, keyword, etc.

2 In addition, the presentation recording is included on an individual proceedings article page if a presentation has been recorded and published.

eBooks

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