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EECS Announcements

EECS Presents 6 Papers at SPIE Photonics West 2015; Iman Hassani Nia Receives Student Travel Grant (/announcement/1139-eecs-presents-6-papers-at-spie-photonics-west-2015)

[David Heydari \(/component/tags/tag/466-david-heydari\)](#)

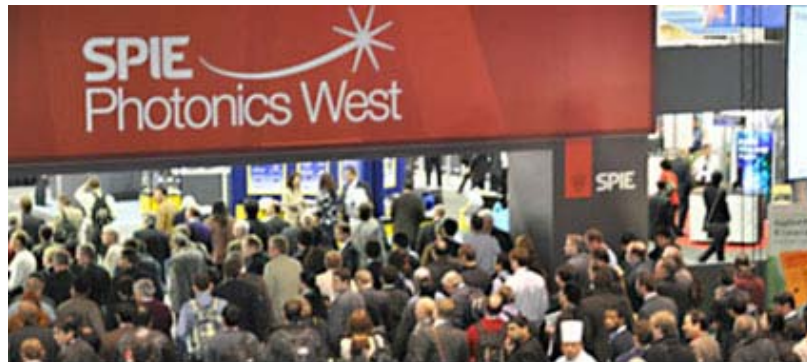
[Abbas Haddadi \(/component/tags/tag/475-abbas-haddadi\)](#)

[Guanxi \(Andy\) Chen \(/component/tags/tag/517-guanxi-andy-chen\)](#)

[Neelanjan Bandyopadhyay \(/component/tags/tag/518-neelanjan-bandyopadhyay\)](#)

[Yanbo Bai \(/component/tags/tag/519-yanbo-bai\)](#) [Quanyong Lu \(/component/tags/tag/520-quanyong-lu\)](#)

[Iman Hassani Nia \(/component/tags/tag/521-iman-hassani-nia\)](#)

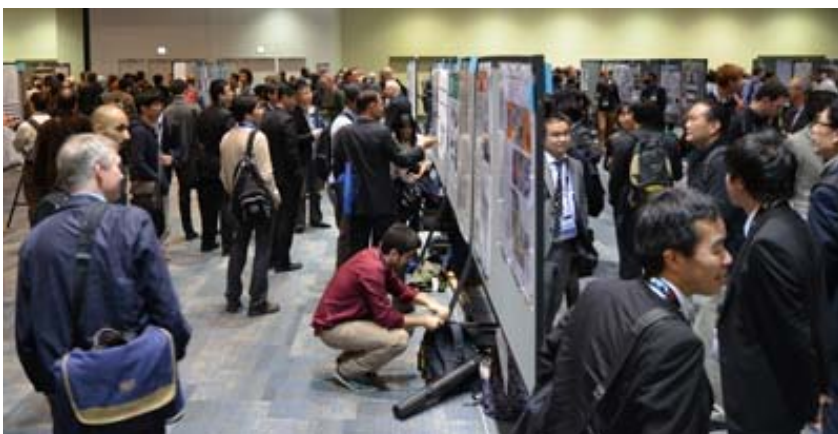


A contingent of EECS Students & Faculty have presented their research at **SPIE Photonics West 2015** (<http://spie.org/photonics-west.xml>), held February 10-12 in San Francisco, CA.

Due to the significant impact of his research for semiconductor laser cooling, EECS Ph.D. Student **Iman Hassani Nia** ([/people/userprofile/553](#)) was awarded the prestigious **SPIE**

Travel Grant (<http://spie.org/x27602.xml>) to present his work, titled, "Photoluminescence study of suspended MQW structures for laser refrigeration purposes" on behalf of the laser cooling society.

SPIE Photonics West is the #1 laser, photonics, and biomedical optics conference in the world, with 20,000 attendees, two exhibitions, 1,250 exhibiting companies, and 4,700 papers.



[View full list of conference presenters from EECS, below:](#)

1. **Abbas Haddadi (</people/userprofile/550>), Ph.D. Student** - "High-performance dual-band mid-/long-wavelength infrared InAs/InAsSb type-II superlattice-based photodetectors for medical thermography applications"

(won the Best Paper Award for the Breakthroughs in Human-Centered Research)

2. **Guanxi (Andy) Chen (</people/userprofile/474>), Ph.D. Student** - "World's first pMp superlattice photodetectors enables high operating temperature infrared imaging"

(won the Best Paper Award for the Breakthroughs in Human-Centered Research)

3. **David Heydari, Undergraduate Student** - "High-power quantum cascade lasers with angled cavities"

(won the Best Paper Award for the Breakthroughs in Human-Centered Research)

4. **Neelanjan Bandyopadhyay (</people/userprofile/533>), Ph.D. Student** - "Broadband quantum cascade laser tunable from 6.1 to 10.2 μ m"

(won the Best Paper Award for the Breakthroughs in Human-Centered Research)

5. **Dr. Yanbo Bai (</people/userprofile/242>) (</people/userprofile/242>), Research Assistant Professor** - "High-power continuous-wave surface-emitting quantum cascade ring laser in fundamental mode operation"

6. **Dr. Quanyong Lu (<http://cqd.eecs.northwestern.edu/people/scientists.php>), Postdoc (<http://cqd.eecs.northwestern.edu/people/scientists.php>)** - "High-power mid-IR frequency comb quantum cascade laser source"





SPIE Travel Grant Recipient Iman Hassani Nia in San Francisco, CA

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<http://aquavite.northwestern.edu/maps/buildinglookup.cgi?lookupid=132>) | 847-491-5410

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