2016 IEEE MIT UNDERGRADUATE RESEARCH TECHNOLOGY CONFERENCE

Conference Information
Contents

» IEEE MIT Undergraduate Research Technology Conference
  – Quick Review of 2015 Conference
  – 2016 Conference Goals
  – Venue and Rooms
  – Conference Targets
  – Steering Committee
  – Overall Draft Program
Envisioning a technical conference targeted towards undergraduate students all over the globe, last year, the MIT IEEE Student Branch inaugurated the IEEE MIT Undergraduate Research Technology Conference.

This year we are organizing it again, with the goal that the conference will be a venue where undergraduate students can meet to present, discuss, and develop solutions to advance technology for humanity.

Participants can attend a rich program with renowned speakers, technical sessions, a student design competition, exhibits, networking, and social activities, presenting a great opportunity for students to interact with leading industry experts.

It is an IEEE official conference that provides an opportunity for the undergraduates to publish papers of their school projects, researches, innovations, or case studies.
2015 MIT Conference
2015 MIT Conference
- Keynote and Plenary Sessions
2015 MIT Conference – Papers Presentation
2015 MIT Conference - Posters Presentation
Venue and Date: MIT, Cambridge MA (November 4-6, 2016)

Meet Innovation Technology (MIT!)

Six focus technical tracks:
1. Machine Learning and Cloud Computing
2. Biological and Biomedical Engineering and Technology
3. Robotics and Automation Technology
4. Communication and Security
5. Wearable Technology
6. Innovative Technologies X-Track
Plenary Keynote Speakers

Technical Paper Presentations
Stata Center @ MIT

- Registration
- Exhibition Booth
- Posters Session
- Break and Networking

Stata Center-MIT
32 Vassar Street
Cambridge, MA 02139
MIT Building 34

Welcome Reception Event
Conference Targets:

- Students’ initiated and organized conference
- 250 Student and Industry Professional Attendees
- 80 Submissions (Technical Papers, Posters, and Lightning Talks)
- Low registration fee to encourage high students attendance
- 2 days conference with rich programs and activities
<table>
<thead>
<tr>
<th>Time</th>
<th>November 04, 2016 (Friday)</th>
<th>November 05, 2016</th>
<th>November 06, 2016 (Sunday)</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30am</td>
<td>Registration/Opn and Bfast (Stata Center)</td>
<td></td>
<td>Registration/Opn and Bfast (Stata Center)</td>
<td>7:30am</td>
</tr>
<tr>
<td>8:30am</td>
<td>Opening Plenary (Stata Center 32-123)</td>
<td>Keynote #1 (Opening Comments)</td>
<td>Sponsors Presentation (Career Opportunities)</td>
<td>9:00am</td>
</tr>
<tr>
<td></td>
<td>Keynote #2 (Topic #2)</td>
<td>Keynote #2 (Topic #3)</td>
<td>Sunday Plenary (Stata Center 32-123)</td>
<td>9:30am</td>
</tr>
<tr>
<td></td>
<td>Break</td>
<td>Break</td>
<td>Lightning Talks</td>
<td>10:00am</td>
</tr>
<tr>
<td>10:00am</td>
<td>Break</td>
<td>Break</td>
<td>Break</td>
<td>10:00am</td>
</tr>
<tr>
<td>10:30am</td>
<td>State Center 21-103</td>
<td>State Center 21-103</td>
<td>State Center - Student Guest Street</td>
<td>10:30am</td>
</tr>
<tr>
<td>11:00am</td>
<td>Technical Paper Oral Presentation</td>
<td>Technical Paper Oral Presentation</td>
<td>Poster Session</td>
<td>11:00am</td>
</tr>
<tr>
<td>11:30am</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>12:00pm</td>
</tr>
<tr>
<td>12:00pm</td>
<td>Break</td>
<td>Break</td>
<td>Break</td>
<td>12:30pm</td>
</tr>
<tr>
<td>1:30pm</td>
<td>Tour #1</td>
<td>Tour #2</td>
<td>Closing Plenary (State Center 32-123)</td>
<td>1:30pm</td>
</tr>
<tr>
<td>2:00pm</td>
<td>Technical Paper Oral Presentation</td>
<td>Technical Paper Oral Presentation</td>
<td>Alice Zhan (Closing Comments)</td>
<td>2:00pm</td>
</tr>
<tr>
<td>2:30pm</td>
<td>Break</td>
<td>Break</td>
<td>2:30pm</td>
<td>2:30pm</td>
</tr>
<tr>
<td>3:30pm</td>
<td>Break</td>
<td>Break</td>
<td>3:30pm</td>
<td>3:30pm</td>
</tr>
<tr>
<td>4:00pm</td>
<td>Welcome Reception (building 34-401 Main)</td>
<td>Social Event &amp; Dinner</td>
<td>4:00pm</td>
<td>4:00pm</td>
</tr>
<tr>
<td>6:30pm</td>
<td>8:30pm - 9:00pm</td>
<td>Keynote #4</td>
<td>4:30pm</td>
<td>4:30pm</td>
</tr>
</tbody>
</table>

**IEEE MIT Undergraduate Research Technology Conference**

**Final Program At A Glance**

**IEEE**

**Advancing Technology for Humanity**

**Massachusetts Institute of Technology**

**Boston Section**
Preliminary Conference Program

- Welcome Reception on Friday evening with social activities
- 5 Keynote Speakers
- Sponsors Presentation
- Parallel Technical Paper Presentation
- Lightning Talks
- Poster Sessions
- Local Companies and MIT Campus Tours
2016 IEEE MIT Undergraduate Research Technology Conference
Full Paper, Poster Abstract or Lightning Talk Abstract

Welcome to 2016 IEEE MIT Undergraduate Research Technology Conference Submission Site
Sponsored by MIT IEEE Student Branch and IEEE Boston Section

http://ieeescripts.mit.edu/conference

Envisioning a technical conference targeted towards undergraduate students all over the globe, last year, the MIT IEEE Student Branch inaugurated the IEEE MIT Undergraduate Research Technology Conference. This year we are organizing it again, with the goal that the conference will be a venue where undergraduate students can meet to present, discuss, and develop solutions to advance technology for humanity. Participants can attend a rich program with renowned speakers, technical sessions, a student design competition, exhibits, networking, and social activities, presenting a great
## Patronage/Sponsorship Packages

### 2016 IEEE MIT Conference - Patronage Options

#### PLATINUM Patron - $5,000

Platinum Patronage includes:

1. **Recognition as the Platinum Level Patron on:**
   - Conference website (with your logo and a link to your website)
   - Conference posters, signs, and flyers
   - Program listing
   - Mention during opening and closing remarks
   - Full page advertisement in the conference program
   - Logo on T-Shirts

2. **Recognition in our international conference promotion campaign**
   - Listing in all leading print and online IEEE MIT Conference publication promotion efforts
   - A listing as Platinum patron in all national and regional news releases and calendar

3. **Recognition at the Networking Reception**
   - Signs and Poster
   - Promotional email blasts

4. **Speaking opportunities at the Conference Plenary session**

5. **30” x 72” exhibit table with two chairs**

#### GOLD Patron - $3,000

Gold Patronage includes:

1. **Recognition as the Gold Level Patron on:**
   - Conference website (with your logo and a link to your website)
   - Conference posters, signs, and flyers
   - Program listing
   - Mention during opening and closing remarks
   - Half page advertisement in the conference program
   - Logo on T-Shirts

2. **Recognition in our international conference promotion campaign**
   - Listing in all leading print and online IEEE MIT Conference publication promotion efforts
   - A listing as Gold patron in all national and regional news releases and calendar

3. **Speaking opportunities at the Conference Plenary session**

4. **30” x 72” exhibit table with two chairs**

### Conference Proceedings, Badges, Bags Patrons - $2,500

1. **Recognition as the Conference Patron for appropriate item:**
   - Conference website (with your logo and a link to your website)
   - Conference flyers
   - Program listing
   - Quarter page advertisement in the conference program
   - Logo on T-Shirts

2. **Onsite banner provided by you [up to 2ft x 4ft]**

### Welcome & Networking Reception Patron - $2,000

1. **Recognition as the Conference Patron for Networking Reception:**
   - Conference website (with your logo and a link to your website)
   - Conference flyers
   - Program listing
   - Quarter page advertisement in the conference program
   - Logo on T-Shirts

2. **Onsite banner provided by you [up to 2ft x 4ft]**

### Breakfast / Coffee Break / Lunch - $1,500

1. **Recognition as the Conference Patron for Breakfast or break as appropriate:**
   - Conference website (with your logo and a link to your website)
   - Conference flyers
   - Program listing
   - Logo on T-Shirts

2. **Onsite banner provided by you [up to 2ft x 4ft]**

### Exhibition Package

- **Table Top Exhibitor - $600**
  
  Tabletop exhibitors receive:
  
  - A 30” x 72” skirted exhibit table with two chairs
  - A listing on the conference website (with your logo and a link to your website)
  - A listing in the conference program
Current 2016 Patrons/Sponsors

- IEEE University Partnership Program
- VP Research at University of Maine
- IEEE Education Society

Last year 2015 Patrons/Sponsors

2016 IEEE MIT Undergraduate Research Technology Conference: 20
Useful Links

- Conference Website:
  http://ieee.scripts.mit.edu/conference

2016 IEEE MIT Undergraduate Research Technology Conference

The 2016 IEEE MIT Undergraduate Research Technology Conference (URTC) brings together undergraduates around the world to present, discuss, and develop solutions to advance technology for humanity. As an IEEE official conference, undergraduates may publish papers of their school projects, research, innovations, or case studies. Participants attend a rich program with keynote speeches and technical flash talks featuring renowned speakers, a student design competition, and networking events. The conference will be hosted on the MIT campus.

Download last year's conference booklet

CONFERENCE HIGHLIGHTS
Thank You

We are looking forward to your support and participation.

For Questions:
 Soon Wan
 gimsoon@ieee.org