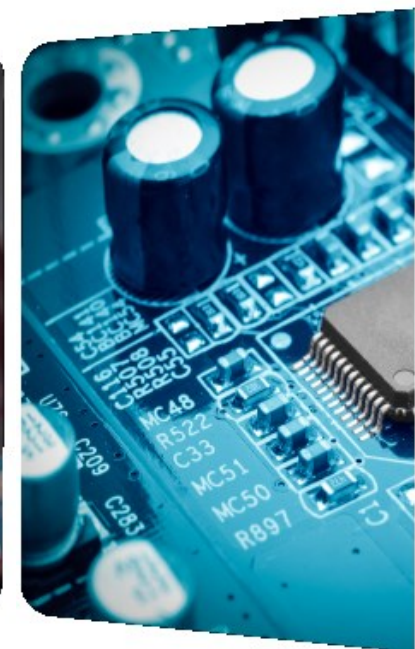
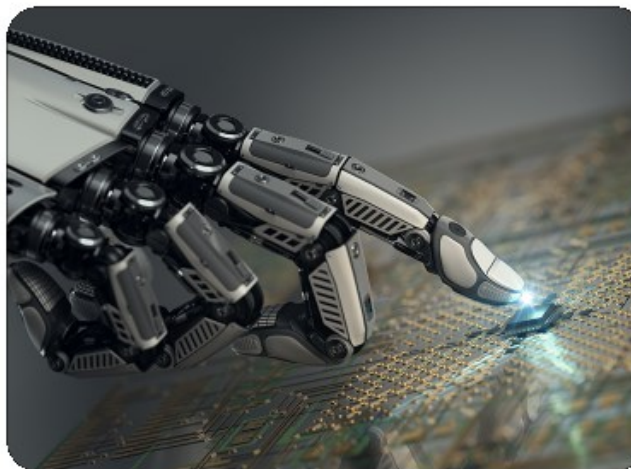


Welcome! to



Singapore



EDS President's Opening Remarks

Fernando Guarin

March 13, 2019

Singapore



1st EDTM - Toyama, Japan 2017



2nd EDTM - Kobe, Japan 2018



IEEE ELECTRON DEVICES SOCIETY

*Promoting excellence in the field of electron devices for
the benefit of humanity*



EDS Mission

To foster professional growth of its members ...



Publishing – Exchange of Information

- Journals
- Open Access
- Conferences



Education – Professional Growth

- Live Webinars
- Distinguished Lectures
- Student Outreach



Technical Recognition

- Awards
- Honors
- Student Fellowships

Publishing: Support over 100 Sponsored/

Co-Sponsored Conferences in a Year, Worldwide



LAEDC

Latin American Electron Devices Conference
Armenia, Quindio, Colombia. February 24-27, 2019





IEEE Electron Devices Society



Follow us on
our social
media



EDTM 2019 - Singapore

March 12 -15



EDTM 2019 - Program at a Glance



12 March : Tutorials & Short Courses

13 March : Official Opening of EDTM 2019

- **Plenary Talks**
- **Invited Talks & Contributed Papers**
- **Women in Engineering (WIE) Event**

14 March : 2nd Day of the Conference

- **Invited Talks & Contributed Papers**
- **Poster Papers**
- **Conference Banquet @ S.E.A. Aquarium**

15 March : 3rd Day of the Conference

- **Invited Talks & Contributed Papers**
- **Conference Closure & Best Poster Award**
- **CREST Workshop**

EDTM 2019 Organizing Team



General Chair	: Geok Ing Ng	: NTU
Technical Chair	: Don Disney	: Infineon
Finance Chair	: Kenneth Lee	: SMART
Tutorial & Short Course Chair	: Nagarajan Raghavan	: SUTD
Exhibit / Sponsorship Chair	: Aaron Thean	: NUS
Publicity Chair	: Xiao Gong	: NUS
Publicity Vice Chair	: Dennis Polla	: A STAR
Publication Chair	: Chuan Seng Tan	: NTU
Support Relations Chair	: Edwin Teo	: NTU
Local Arrangements Chair	: Kah Wee Ang	: NUS
General Co-Chair & IEEE Liaison	: MK Radhakrishnan	: NanoRel
 Secretariat	 : Mary Teng	 : Atenga
	: Stanley Teng	: Atenga

EDTM 2019 Organizing Team

Salutes

EDTM 2018 General Chair

Hitoshi Wakabayashi

&

EDTM 2018 Technical Chair

Kazunari Ishimaru

Sponsorship and Exhibitions

PLATINUM SPONSORS



GOLD SPONSORS



SILVER SPONSORS



BRONZE SPONSOR



Exhibitor	Booth Number
aNexus	1
Park Systems	2
LAM Research	3
Soitec	4
Raith Nanofabrication	5
GlobalFoundries	6
CREST Innovation	7
ULVAC Singapore	8
Applied Materials	9
Atomera	10
MPI Corporation Inc	11
Tecnisco Ltd	12
National University of Singapore	13
Zeiss	14

Banquet @ S.E.A. Aquarium, Sentosa

Conference Banquet – 14th March 2019 evening

Departure to S.E.A Aquarium

Meeting point: Registration Desk at 5:50pm

Coach pick-up point: MBS Hotel Coach Bay

Time: 6pm ~ 6:25pm (5 mins interval per coach)

Registration: Starts at 7:15pm at the entrance to the Maritime Experiential Museum

Banquet Dinner: Starts at 8pm

All guests are reminded to wear lanyards and bring banquet coupons to exchange for wristbands to enter the museum.

Returning to Marina Bay Sands

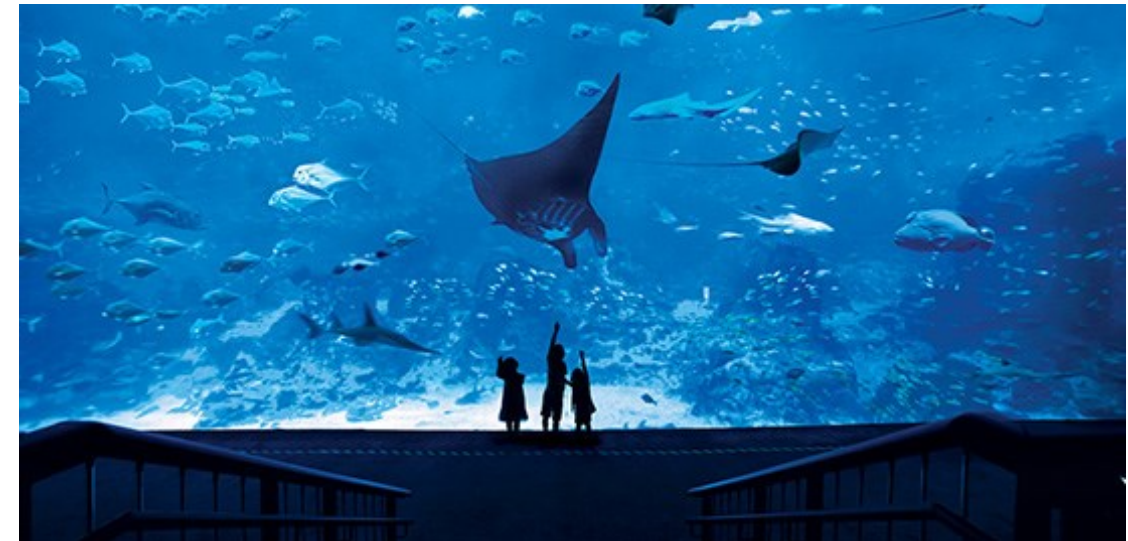
Coach pick-up point: RWS Coach Bay

Time: 9:30pm ~ 10:20pm (10 mins interval per coach)

Resorts World Sentosa, S.E.A. Aquarium

8 Sentosa Gateway, Sentosa Island

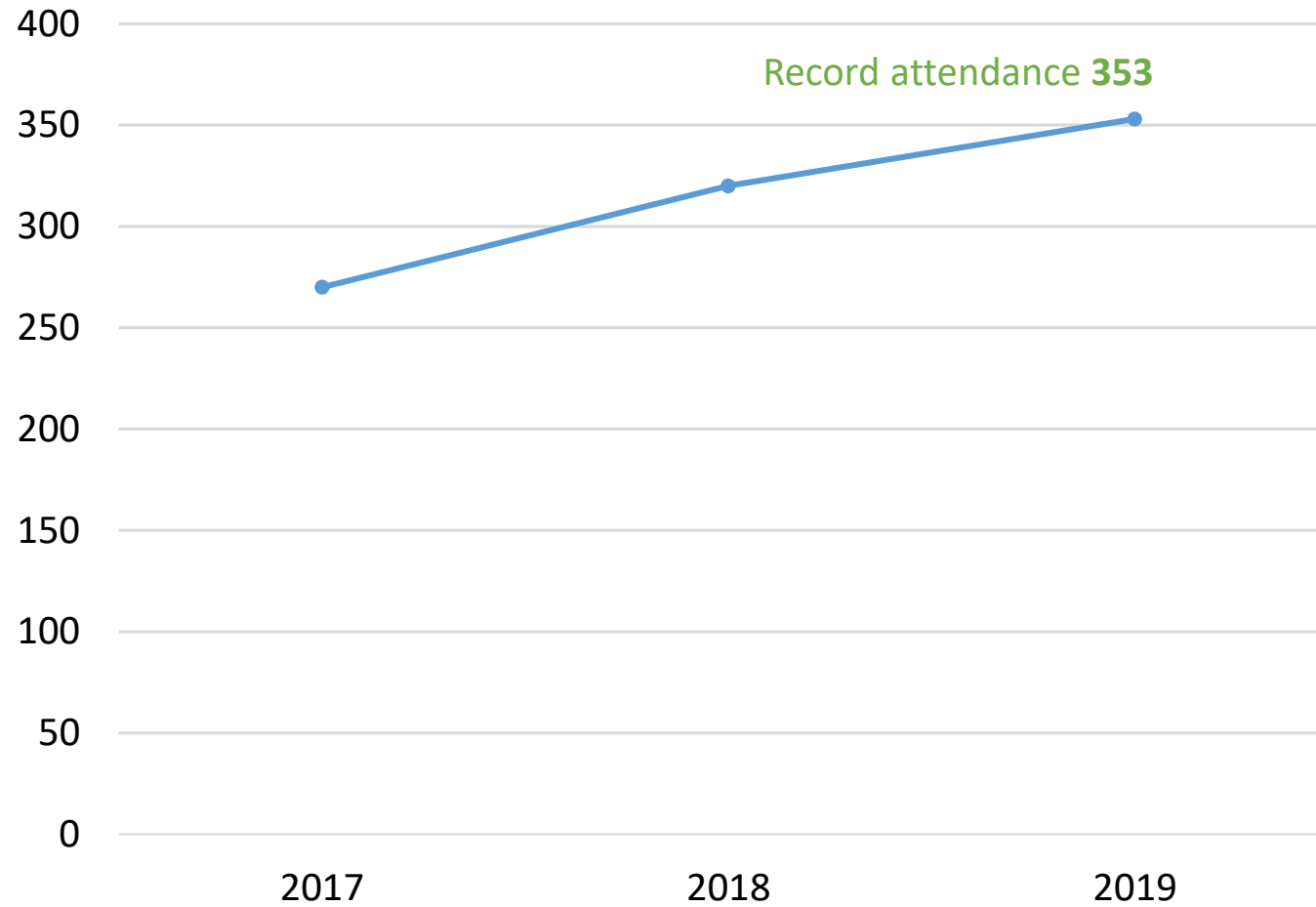
Singapore 098269.



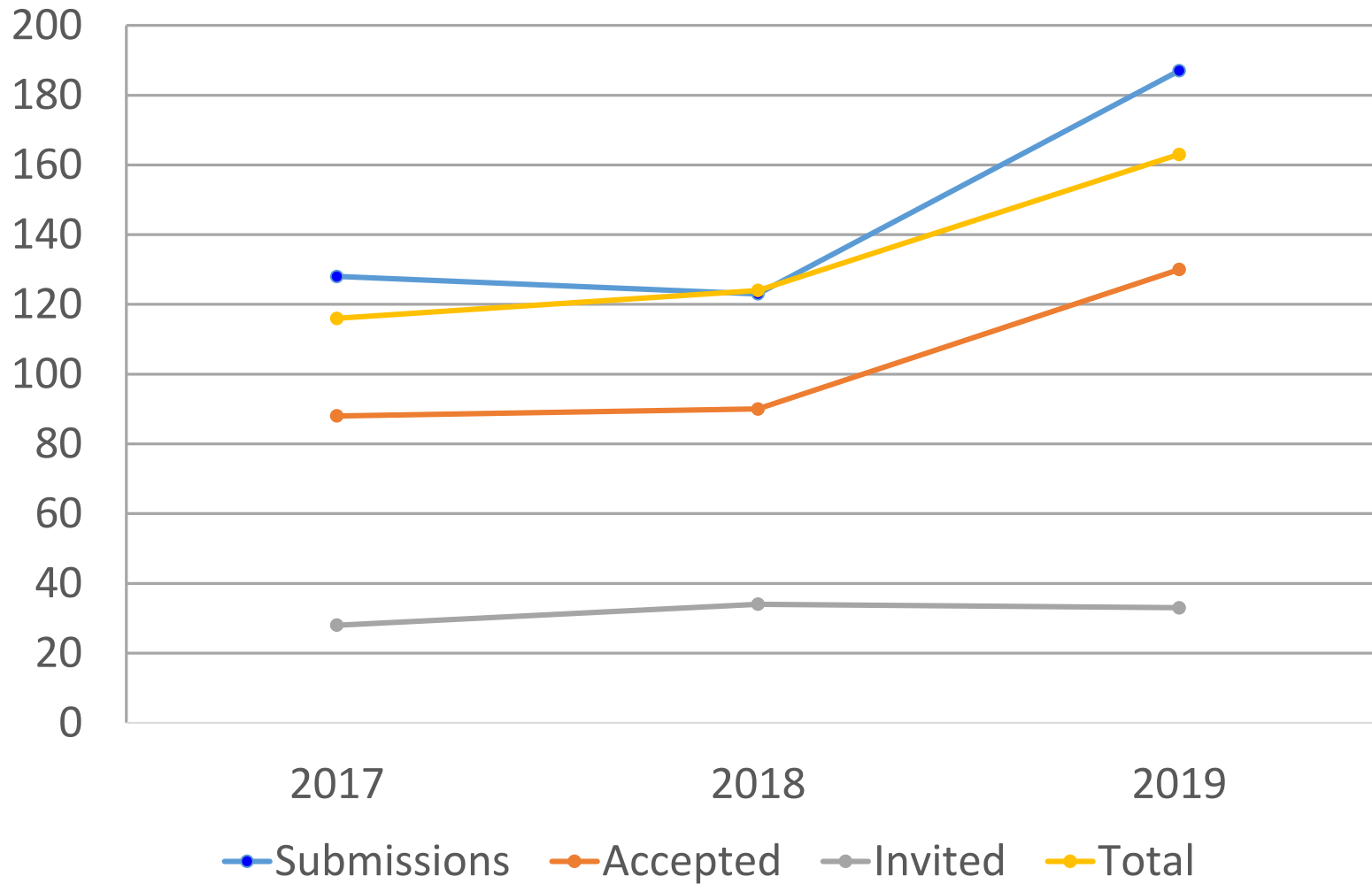
3rd JST/CREST/2D Workshop

- ❖ **Date:** Friday 15 March 2019
- ❖ **Time:** 16:00 to 19:00 hrs
- ❖ **Venue:** Melati Junior Ballroom, Marina Bay Sands Convention Centre, Singapore
- ❖ **Registration fee:** Free for 2019 EDTM registered participants
- ❖ For details of the technical programme, please refer to the programme guide.
- ❖ This workshop is sponsored by JST and technically supported by 2019 EDTM.

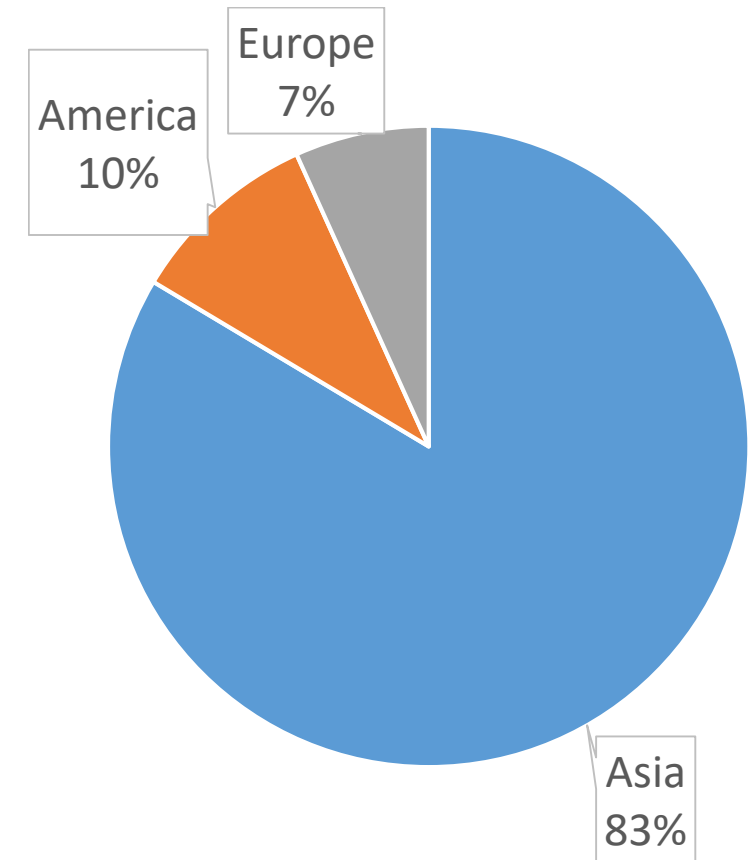
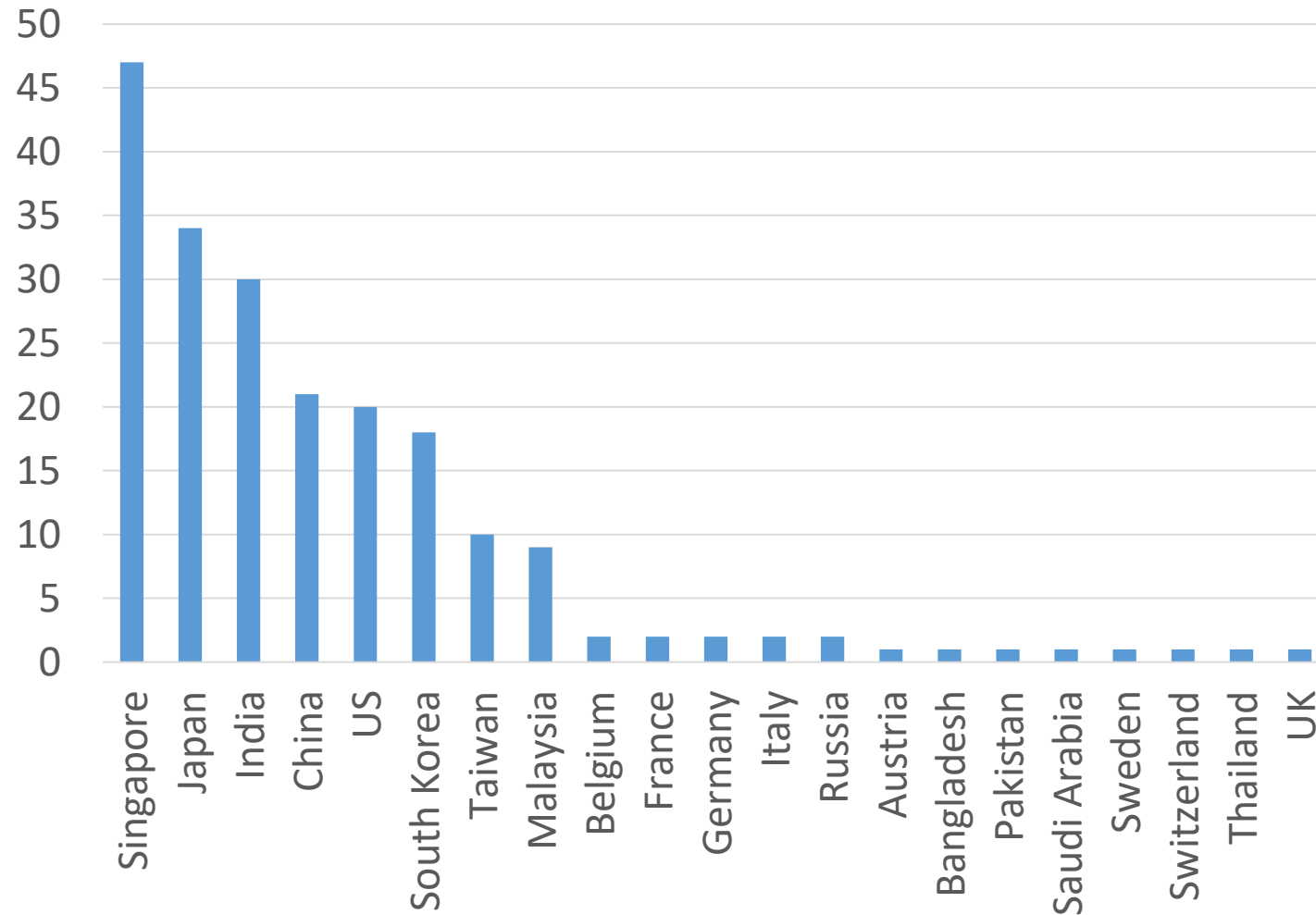
Growth in attendance



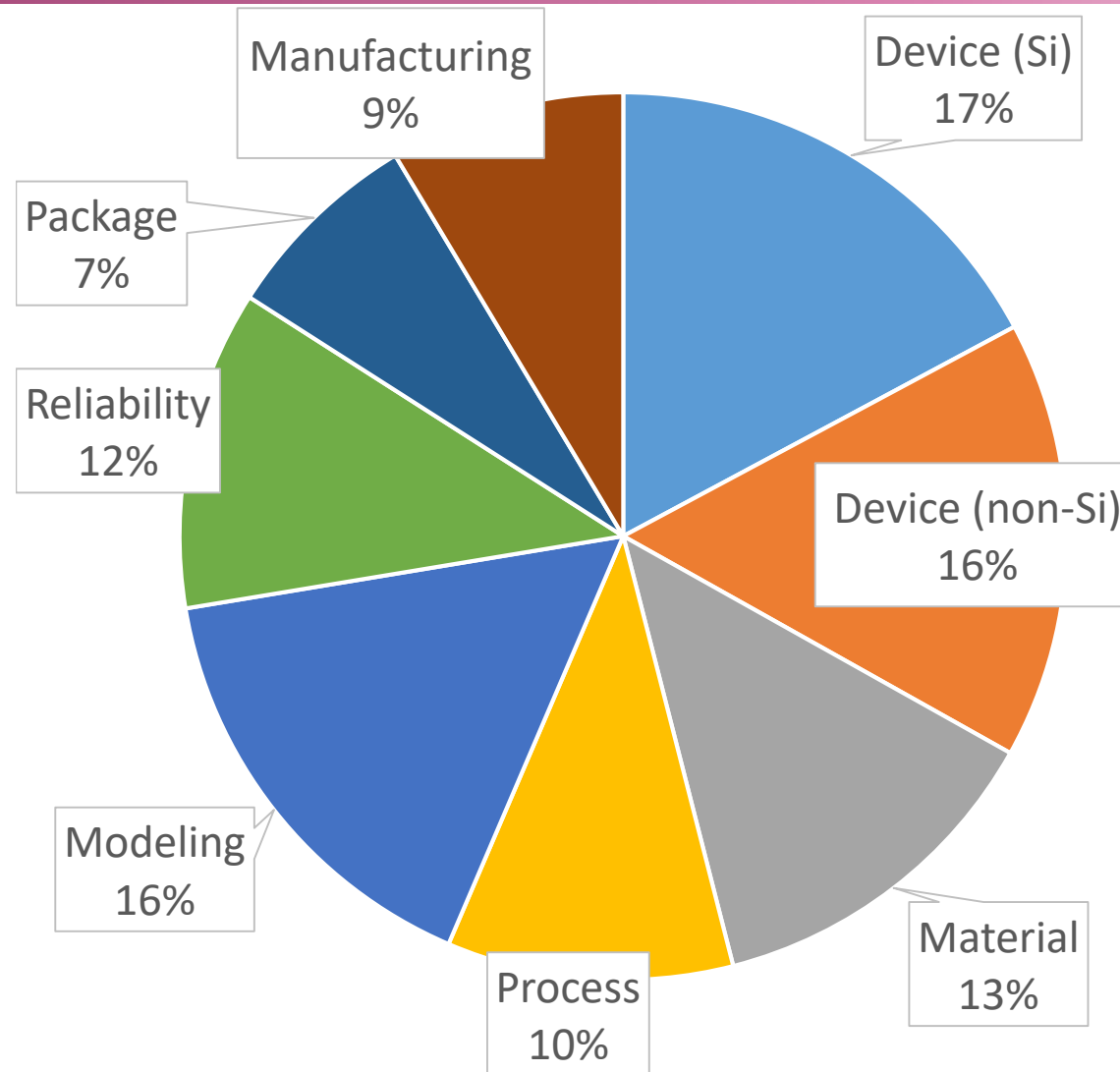
Growth in paper submissions



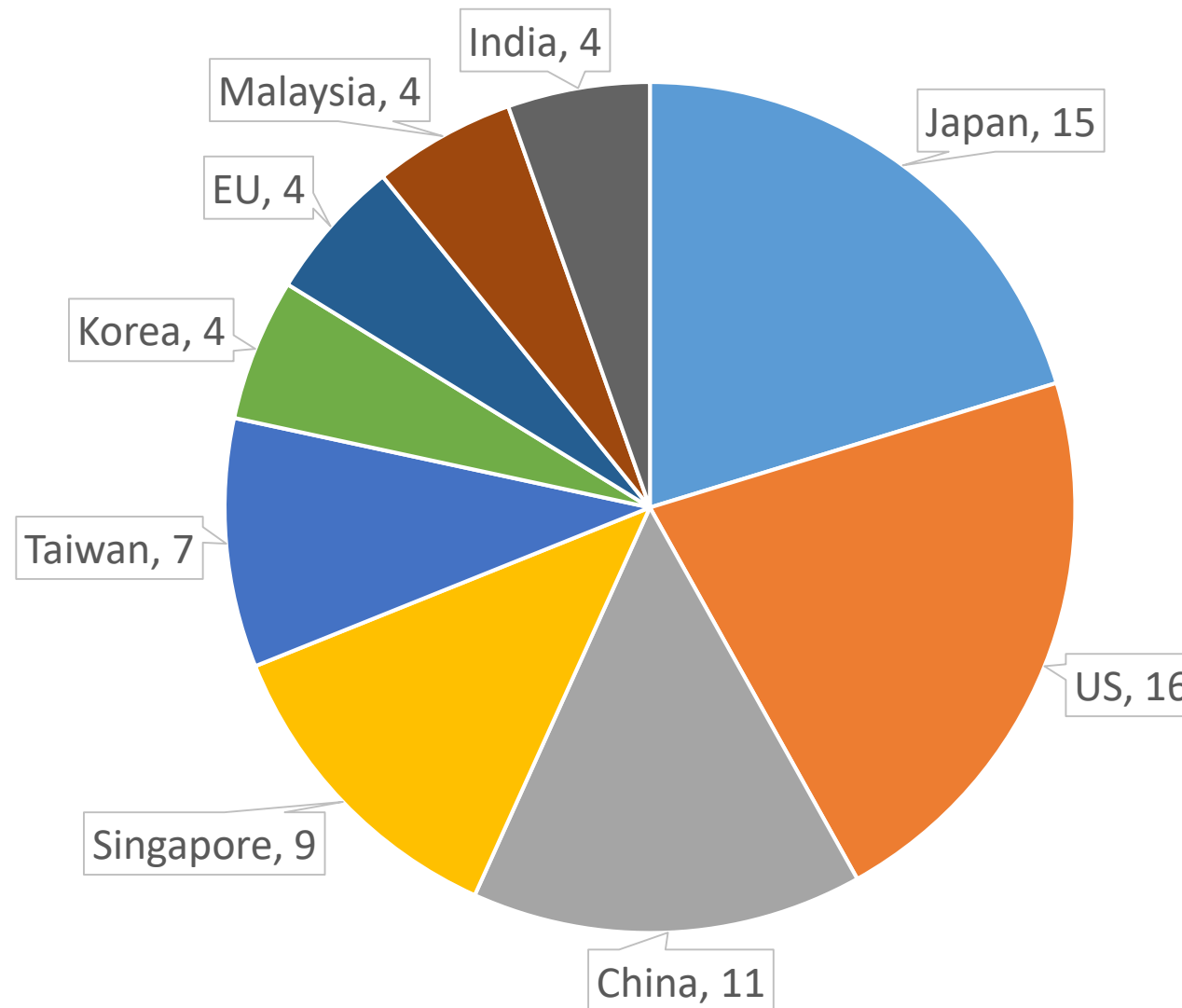
Paper submissions by country/region



Increasing balance among tracks



Increasing geographic diversity of TPC



Instructions for oral presentations

- Presenters will preferably bring their files on a USB drive and use the conference laptop in the breakout room. Only MS PowerPoint and PDF formats are supported.
- Alternatively, presenters may use their own laptop.
- Before the session, all presenters should check their presentation with the computer equipment in the actual breakout room
- Be in the session room at least 15 minutes prior to your session so that you can make a short preparation with your session chairs
- The total time allowance is 25 minutes: 20 for presentation, 5 for Q&A

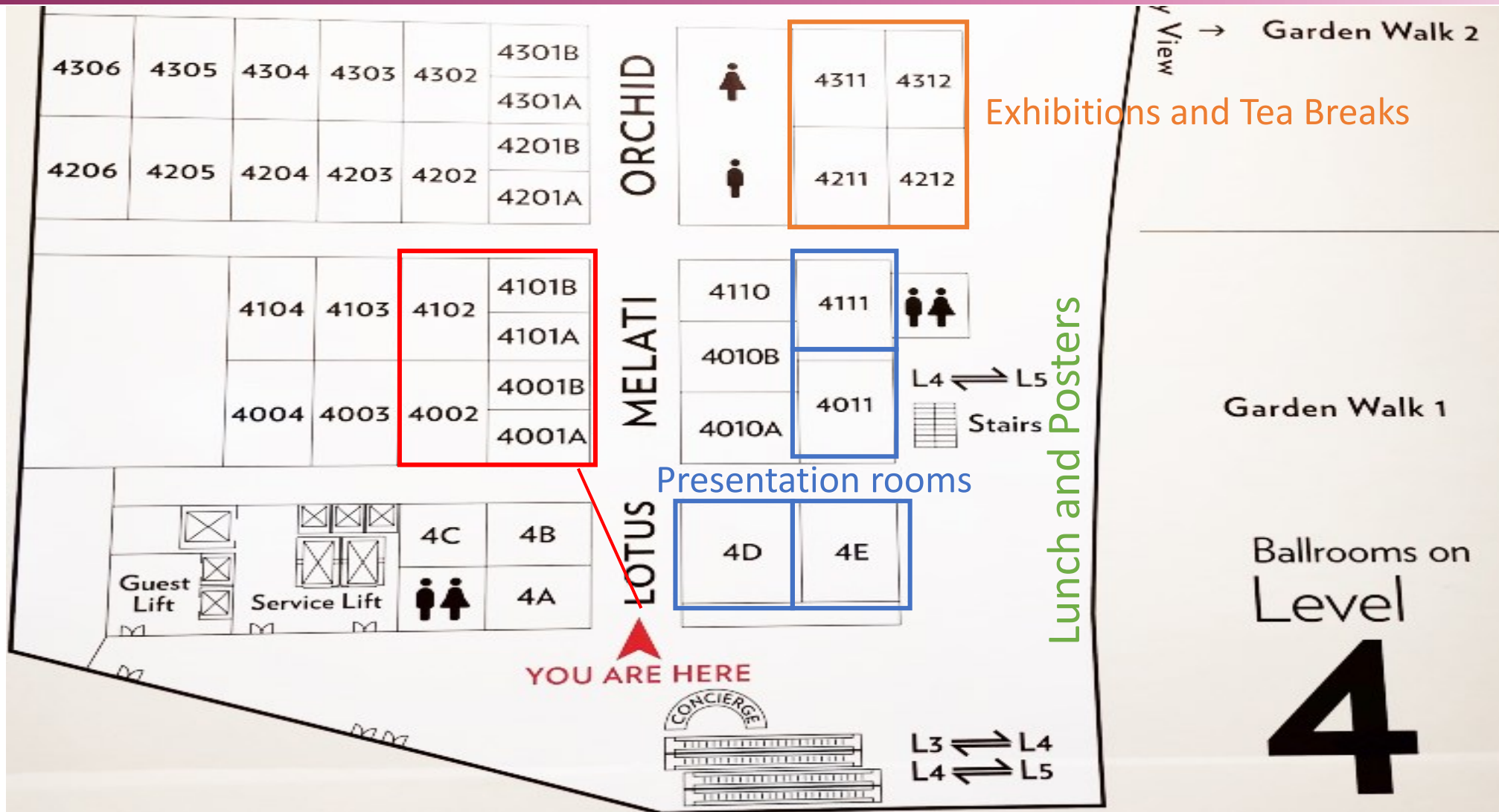
Instructions for poster presentations

- Set-up posters March 13th between 09:00 - 16:00
- Presentation of posters March 14th 15:15 - 17:30 (arrive at least 10min early)
- Removal of posters March 15th 13:30 - 15:00

Best poster award

- EDTM tradition to recognize outstanding poster presentation
- Certificate and monetary award, given at the closing ceremony
- Selected by a panel of TPC members
- Grading based on Presentation, Technical achievement, Impact of work, ability to explain and answer questions

Facility map



4th Electron Devices Technology and Manufacturing (EDTM) Conference 2020



Hotel Equatorial, Penang, Malaysia

March 16th to March 18th, 2020

Venue: *Hotel Equatorial*, Penang, Malaysia



Date: March 16th to March 18th, 2020

Pre-Conference Tutorials/Short Courses:
March 15th, 2020

Paper submission deadline: September 27th
2019

Topics for EDTM 2020

- Materials
- Process, Tools, and Manufacturing
- Devices & Smart Systems, for Internet of Things (IoT)
- Modeling and Simulation
- Reliability
- Packaging and Heterogeneous Integration
- Manufacturing Yield
- Emerging Photonics, Bio-photonics, and Optoelectronics Technologies
- Artificial Intelligence (AI) and Machine Learning

Website: <https://ewh.ieee.org/conf/edtm/2020/>