

AM PROGRAMME

08:30 - 09:15	<b>Plenary Lecture 07</b> Speaker: Prof. Qi Kun XUE Chair: Prof. John Wang, National University of Singapore Location: Hall 404 (Level 4)	
09:15 - 10:00	<b>Plenary Lecture 08</b> Speaker: Prof. George WHITESIDES Chair: Prof. Bo Liedberg, Nanyang Technological University Location: Hall 404 (Level 4)	
10:00 - 10:30	Tea Break	
10:30 - 12:00	<b>Session U - 09</b> Chairs: Prof. Nripan Mathews & Dr. Annamaria Petrozza Location: Room 331	<b>Session U2 - 09</b> Chairs: Prof. Anders Hagfeldt & Prof. Klaus Weber Location: Room 332
10:30 - 11:00	IL 33: Dr. Toshiyuki Urano	IL 35: Prof. Hemamala Karunadasa
11:00 - 11:30	IL 34: Dr. Toby Meyer	IL 36: Prof. Maksym Kovalenko
11:30 - 12:00	<b>OP-LED/ Photodetector</b> (15 min each) OP-37: Hsinhan Tsai OP-38: Naresh K. Kumawat	IL 37: Prof. Wang Jianpu
12:00 - 12:30	<b>Theme Lecture 04</b> Speaker: Prof. Peter BRUCE Chair: Prof. Subodh G. Mhaisalkar, Nanyang Technological University Location: Nicoll 3	
12:30 - 01:30	Lunch	

PM PROGRAMME

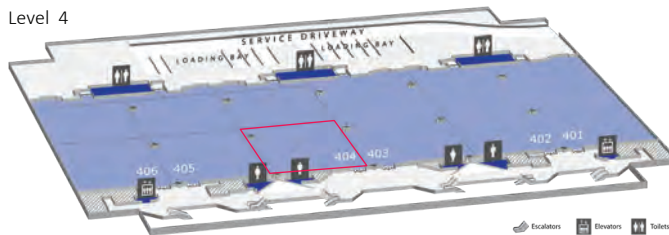
01:30 - 03:30	<b>Session U - 10</b> Chairs: Prof. Seigo Ito & Prof. David Cahen Location: Room 331	<b>Session U2 - 10</b> Chairs: Prof. Tom Savenije & Prof. Satishchandra Ogale Location: Room 332
01:30 - 02:00	IL 38: Prof. Yabing Qi	IL 40: Prof. Rui Zhu
02:00 - 02:30	IL 39: Prof. Shaibal Sarkar	IL 41: Prof. Hin-Lap Yip
02:30 - 03:30	<b>OP-Scale-up</b> (15 min each) OP-39: Shashwat Shukla OP-40: Amna Bashir OP-41: Anish Priyadarshi OP-42: Jia Haur Lew	<b>OP- Photovoltaics</b> (15 min each) OP-43: Salil M. Joshi OP-44: Wanyi Nie OP-45: Amitava Banerjee
03:30 - 04:00	Afternoon Break	
04:00 - 06:00	<b>Session U - 11</b> Chairs: Prof. Chun-Guey Wu & Dr. Wolfgang Tress Location: Room 331	<b>Session U2 - 11</b> Chairs: Prof. Yabing Qi & Dr. Michael Saliba Location: Room 332
04:00 - 04:30	IL 42: Prof. Dinesh Kabra	IL 43: Prof. Ivan Scheblykin
04:30 - 05:00		IL 44: Dr. Sudip Chakraborty
04:30 - 05:30	<b>OP-Photodetector/lasing/LET</b> (15 min each) OP-46: Nagabhushan Patel OP-47: Jie Ding OP-48: Jun Pan OP-49: Joonyun Kim	<b>OP-Theory</b> (15 min each) OP-50: Run Long OP-51: Sergey Rashkeev OP-52: Daniel C. Walter OP-53: Danny P. Broberg
06:30 - 07:00	<b>Pre-dinner Cocktail</b> Location: Simpor & Roselle Ballroom, Sands Expo & Convention Centre	
07:00 - 09:30	<b>Banquet</b> (Ticketed Event) Guest-of-Honour: Prof. Chorh Chuan TAN, President, National University of Singapore Location: Simpor & Roselle Ballroom, Sands Expo & Convention Centre	

09:00 - 09:45	<b>Plenary Lecture 09</b> Speaker: Prof. Kostya NOVOSELOV Chair: Prof. Chee Yoon Yue, Nanyang Technological University Location: Hall 404 (Level 4)	
09:45 - 10:30	<b>Plenary Lecture 10</b> Speaker: Prof. Zhenan BAO Chair: Prof. Swee Hin Teoh, Nanyang Technological University Location: Hall 404 (Level 4)	
10:30 - 11:00	<b>Concluding Session &amp; Awards Presentations</b> Guest-of-Honour: Prof. Freddy BOEY Provost, Nanyang Technological University Location: Hall 404 (Level 4)	
11:00 - 11:30	Tea Break	
11:30 - 01:00	<b>Session U - 12</b> Chair: Dr. Sudip Chakraborty Location: Room 331	<b>Session U2 - 12</b> Chairs: Prof. Dinesh Kabra & Dr. Annalisa Bruno Location: Room 332
11:30 - 01:00	<b>OP-LED Materials</b> (15 min each) OP-54: Abhishek Kumar OP-55: Francesco Maddalena OP-56: Krishnamoorthy Thirumal OP-57: Raihana Begum OP-58: Yue Wang	<b>OP-Spectroscopy/Physics</b> (15 min each) OP-59: Weiqiang Chen OP-60: Shu-Zee Alencious L. OP-61: Junpeng Lu OP-62: Li Mingjie OP-63: Maning Liu OP-64: Qiang Xu
01:00 - 02:00	Lunch	
	End of Event	

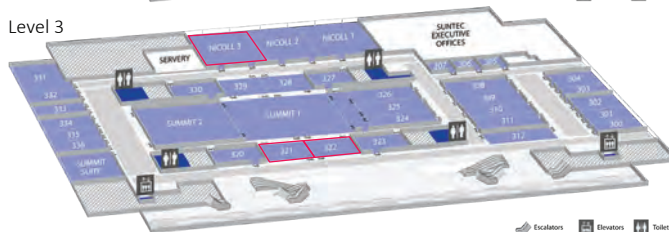
ICMAT 2017 - Venue Address

Suntec Singapore Convention & Exhibition Centre - Levels 3 & 4  
1 Raffles Boulevard - Suntec City - Singapore 039593

FLOOR MAP & ROOM LOCATIONS  
Level 4



Level 3



Pre-dinner and Banquet address (Day 4):

Sands Expo & Convention Centre, Simpor & Roselle Ballroom  
1 Bayfront Ave - Singapore - 018971

icmat2017.mrs.org.sg

ICMAT 2017



Symposium U

Halide Perovskites for Optoelectronics Applications

This symposium will focus on the recent advances in the field of organic-inorganic hybrid perovskite materials and their use in solar cells and light-emitting devices.

Chair

Subodh G. Mhaisalkar  
Nanyang Technological University,  
Singapore

Co-Chairs

Tze Chien Sum  
Nanyang Technological  
University, Singapore

Anders Hagfeldt  
École Polytechnique Fédérale de  
Lausanne, Switzerland

Henk Bolink  
University of Valencia, Spain

Constance J. Chang-Hasnain  
University of California, Berkeley,  
USA

In association with



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Supported by



19 June 2017

Day 1

## AM PROGRAMME

08:15 - 09:00	<b>Registration</b>
09:00 - 09:45	<b>Opening Ceremony</b> Guest-of-Honour: Prof. Bertil ANDERSSON President, Nanyang Technological University, Singapore Location: Hall 404 (Level 4)
09:45 - 10:30	<b>Plenary Lecture 01</b> Speaker: Prof. Fraser STODDART Chair: Prof. Freddy Boey, Nanyang Technological University Location: Hall 404 (Level 4)
10:30 - 11:00	Tea Break
11:00 - 11:45	<b>Plenary Lecture 02</b> Speaker: Prof. C.N.R. RAO Chair: Prof. Soon Fatt Yoon, Nanyang Technological University Location: Hall 404 (Level 4)
11:45 - 12:15	<b>Theme Lecture 01</b> Speaker: Prof. Paul MURALT Chair: Prof. Seh Chun Lim, Singapore University of Technology and Design Location : Hall 404 (Level 4)
12:15 - 01:15	Lunch

## PM PROGRAMME

01:15 - 01:30	<b>Symposium U: Introduction &amp; Welcome</b> Prof. Subodh Mhaisalkar
01:30 - 03:30	<b>Session U - 01</b> Chairs: Prof. Subodh Mhaisalkar & Prof. Henk Bolink Location: Room 331
01:30 - 02:00	IL 1: Prof. Eicke R. Weber
02:00 - 02:30	IL 2: Prof. Tony Cheetham
02:30 - 03:00	IL 3: Prof. Nam-Gyu Park
03:00 - 03:30	IL 4: Prof. Mohammad Khaja Nazeeruddin
03:30 - 04:00	Afternoon Break
04:00 - 06:00	<b>Session U - 02</b> <b>Session U2 - 02</b> Chairs: Prof. David Mitzi & Prof. Anders Hagfeldt Location: Room 331
04:00 - 04:30	IL 5: Prof. Filippo de Angelis
04:30 - 05:00	IL 6: Prof. Eric W.-G Diau
05:00 - 06:00	<b>OP-Photovoltaics</b> (15 min each) <b>OP-Characterization</b> (15 min each) OP-1: Yue Jiang OP-2: Arul V. Kesavan OP-3: Kaspars Rakstys
06:30 - 07:30	<b>Nobel Laureate Public Lecture-01</b> Speaker: Prof. Hiroshi AMANO Chair: Prof. Andrew Wee, National University of Singapore Location: Nicoll 3

20 June 2017

Day 2

## AM PROGRAMME

08:30 - 09:15	<b>Plenary Lecture 03</b> Speaker: Prof. Hiroshi AMANO Chair: Prof. Alfred Huan, Institute of High Performance Computing, A*STAR Location: Hall 404 (Level 4)	
09:15 - 10:00	<b>Plenary Lecture 04</b> Speaker: Yuri GOGOTSI Chair: Prof. Subbu Venkatraman, Nanyang Technological University Location: Hall 404 (Level 4)	
10:00 - 10:30	Tea Break	
10:30 - 12:00	<b>Session U - 03</b> Chairs: Prof. Nripan Mathews & Dr. Aditya Mohite Location: Room 331	<b>Session U2 - 03</b> Chairs: Prof. M.K. Nazeeruddin & Prof. Hiroshi Segawa Location: Room 332
10:30 - 11:00	IL 9: Prof. David Mitzi	IL 11: Dr. Matthew C. Beard
11:00 - 11:30	IL 10: Prof. Alex K.-Y. Jen	IL 12: Prof. Tae-Woo Lee
11:30 - 12:00	<b>OP-Lead Free</b> (15 min each) OP-8 : Prof. Jiandong Fan OP-9 : Biplab Ghosh	<b>OP-LED</b> (15 min each) OP-10: Prof. Zhifeng Shi OP-11: Giulia Longo
12:00 - 12:30	<b>Theme Lecture 02</b> Speaker: Prof. Subbu VENKATRAMAN Chair: Prof. Yihong Wu, National University of Singapore Location: Nicoll 3	
12:30 - 01:30	Lunch	

## PM PROGRAMME

01:30 - 03:30	<b>Session U - 04</b> Chairs: Prof. Maksym Kovalenko & Dr. Solemn Berson Location: Room 331	<b>Session U2 - 04</b> Chairs: Prof. Filippo de Angelis & Prof. Nam-Gyu Park Location: Room 332
01:30 - 02:00	IL 13: Prof. Zhu Xiao Yang	IL 15: Prof. L. Jan Anton Koster
02:00 - 02:30	IL 14: Prof. Jacques-E. Moser	IL 16: Dr. Artem Bakulin
02:30 - 03:30	<b>OP-Characterization</b> (15 min each) OP-12: Annalisa Bruno OP-13: Susi Lindner OP-14: Shijing Sun	<b>OP-Photovoltaics</b> (15 min each) OP-15: Iris Visoly-Fisher OP-16: Gaurav Kapil OP-17: Antonio Abate OP-18: Guifang Han
03:30 - 04:00	Afternoon Break	
04:00 - 06:00	<b>Session U - 05</b> Chairs: Prof. Eric W.-G Diau & Prof. Osman Bakr Location: Room 331	<b>Session U2 - 05</b> Chairs: Prof. Ivan Scheblykin & Prof. Etgar Lioz Location: Room 332
04:00 - 04:30	IL 17: Satishchandra Ogale	IL 19: Dr. Michael Saliba
04:30 - 05:00	IL 18: Prof. Joseph George Shapter	IL 20: Dr. Wolfgang Tress
05:00 - 06:00	<b>OP-Materials</b> (15 min each) OP-19: Bhumika Chaudhary OP-20: Pronoy Nandi OP-21: Qianrui Lv OP-22: Pawan K. Kanaujia	<b>OP-Photovoltaics</b> (15 min each) OP-23: Harry Cronin OP-24: Tiankai Zhang OP-25: Dr. Herlina Arianita Dewi
06:30 - 07:30	<b>Nobel Laureate Public Lecture-02</b> Speaker: Prof. Fraser STODDART Chair: Prof. Tsuhan Chen, Nanyang Technological University Location: Nicoll 3	

21 June 2017

Day 3

## AM PROGRAMME

08:30 - 09:15	<b>Plenary Lecture 05</b> Speaker: Prof. Ben Zhong TANG Chair: Prof. Bin Liu, National University of Singapore Location: Hall 404 (Level 4)	
09:15 - 10:00	<b>Plenary Lecture 06</b> Speaker: Prof. Markus ANTONIETTI Chair: Prof. Gregory Goh, Nanyang Technological University Location: Hall 404 (Level 4)	
10:00 - 10:30	Tea Break	
10:30 - 12:00	<b>Session U - 06</b> Chairs: Prof. Jacques-E. Moser & Prof. Reinhold Dauskardt Location: Room 331	<b>Session U2 - 06</b> Chairs: Dr. Matthew C. Beard & Prof. Wei Lin Leong Location: Room 332
10:30 - 11:00	IL 21: Dr. Annamaria Petrozza	IL 23: Prof. Satoshi Uchida
11:00 - 11:30	IL 22: Prof. David Cahen	IL 24: Dr. Aditya D. Mohite
11:30 - 12:00	<b>OP- Materials</b> (15 min each) OP-26: Sneha A. Kulkarni OP-27: Sjoerd A. Veldhuis	<b>OP- Lead Free</b> (15 min each) OP-28: Myungkwan Song OP-29: Ming-Chun Tang
12:00 - 12:30	<b>Theme Lecture 03</b> Speaker: Prof. Takuzo AIDA Chair: Prof. Chong Haur Sow, National University of Singapore Location: Nicoll 3	
12:30 - 01:30	Lunch	

## PM PROGRAMME

01:30 - 03:30	<b>Session U - 07</b> Chairs: Prof. Alex K.-Y. Jen & Prof. Henk Bolink Location: Room 331	<b>Session U2 - 07</b> Chair: Prof. L. Jan Anton Koster Location: Room 332
01:30 - 02:00	IL 25: Prof. Seigo Ito	IL 27: Prof. Wallace C.H. Choy
02:00 - 02:30	IL 26: Prof. Reinhold Dauskardt	IL 28: Prof. Tom Savenije
02:30 - 03:30	<b>OP- Photovoltaics</b> (15 min each) OP-30: Teresa S. Ripolles OP-31: Pablo P. Boix OP-32: Prof. Wei Lin Leong	<b>OP- Characterization</b> (15 min each) OP-33: Hao Chung Chia OP-34: Nguyen B. Phuong OP-35: Alessandro Senocrate OP-36: Endre Horvath
03:30 - 04:00	Afternoon Break	
04:00 - 06:00	<b>Session U - 08</b> Chairs: Prof. Satoshi Uchida & Prof. Tze Chien Sum Location: Room 331	<b>Session U2 - 08</b> Chairs: Prof. Shaibal Sarkar & Prof. Rui Zhu Location: Room 332
04:00 - 04:30	IL 29: Prof. Klaus Weber	IL 31: Prof. Chun-Guey Wu
04:30 - 05:00	IL 30: Dr. Solemn Berson	IL 32: Prof. Etgar Lioz
05:00 - 06:15	<b>Poster Session</b> Location: Foyer	
06:30 - 07:30	<b>Nobel Laureate Public Lecture-03</b> Speaker: Prof. Kostya NOVOSELOV Chair: Prof. Yuan Ping Feng, National University of Singapore Location: Nicoll 3	