THE HONG KONG POLYTECHNIC UNIVERSITY
香港理工大學

Smart 2018 HK

Shape Memory Applications, Research and Technology 2018

5 — 9 December 2018 | Hong Kong

Important Dates

Abstract Submission Opens:	15 June 2018
Abstract Submission Closes:	1 August 2018
Early Bird Registration Opens:	1 September 2018
Early Bird Registration Closes:	17 October 2018
Conference dates:	5 — 9 December 2018

SMART 2018

The upcoming conference called SMART which takes the first letter of Shape Memory Applications, Research and Technology. Under the theme of Shape Memory, it is an ART. Under the initiative of Professor Andreas Lendlein in 2015 in Boston, the first SMART, namely SMART 2016, was held in Dallas, USA where all participants enjoyed the active knowledge exchange and intellectual interactions. The second SMART will be run in The Hong Kong Polytechnic University on 5 - 9 December 2018. On behalf of the Scientific Committee, researchers from academics and experts in the industry around the world are invited to attend the conference for exchanging ideas, sharing new discoveries and discussing cutting edge sciences and technologies in the Shape Memory Community in the format of oral talks, poster presentations, exhibitions and social activities.

Objectives

- To facilitate networking, collaboration and exchange of ideas with internationally renowned leaders in SMART
- To identify key research directions for innovations
- To debate gaps and priorities for sustainable development
- To discuss the challenges and opportunities

Highlights in ART

Applications
- Medical devices
- Therapeutic materials
- Sensors and actuators
- Wearable electronics
- Robotics and systems
- Textiles and fibers
- Aerospace and transportation
- Morphing
- Emerging applications

Research
- Structural Modelling for phase materials
- Thermodynamics and mechanics
- New functions
- Structural design
- Natural materials
- Composites materials
- Fibrous materials
- Shape memory Chemistry
- New Mechanisms

Technology
- Materials fabrication techniques
- Structure development
- Materials Processability
- Product manufacturing technologies
- Performance evaluation
- Characterization technologies

Venue

The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong

Scientific Committee Members

Prof. Jinlian Hu, The Hong Kong Polytechnic University,Hong Kong
Prof. Andreas Lendlein, Research Site Teltow-Seehof, Germany
Prof. Tao Xie, Zhejiang University, China
Prof. Patrick Mather ,Syracuse University, USA
Prof. Jian Lv , City University of Hong Kong, Hong Kong
Prof. Wei-Min Huang , Nanyang Technology University, Singapore
Prof. Byoung Chul Chun, Inje Univ, South Korea
Dr. Walter E. Voit , The University of Texas at Dallas, USA
Dr. Taylor Ware, The University of Texas at Dallas, USA
Prof. Ken Gall, Duke University, USA
Prof. Timothy J. White , Air Force Research Laboratory, USA
Dr. Hongsheng Luo, Guangdong University of Technology, China
Dr. Yong Zhu, The Nano and Advanced Materials Institute Limited,China

Registration Fee

Category	Early Bird (HK$) (On or before 17 Oct 2018)	Regular (HK$)	On-site (HK$)
Presenter (Oral/Poster)	4000	5000	5000
Delegate	3200	4000	4000
Student	2500	3000	3000
Accompanying person	2000	2500	2500
Additional paper	1200	1200	1200

About Hong Kong

Described as a 'barren rock' some 150 years ago, Hong Kong is a world-class financial, trading and business centre today and, indeed, a great world city. There are not many natural resources, and yet its great harbour is one of the finest deepwater ports in the world. A hardworking, entrepreneurial and well-educated population of more than 7.34 million forms the foundation of Hong Kong's productivity and creativity.

About PolyU

The Hong Kong Polytechnic University (PolyU) has a total student population of about 28,000. Through our faculties and schools — the Faculty of Applied Science and Textiles, Faculty of Business, Faculty of Construction and Environment, Faculty of Engineering, Faculty of Health and Social Sciences, Faculty of Humanities, School of Design, and School of Hotel and Tourism Management — the University connects education and research to the real world as manifested in our motto: "To learn and to apply, for the benefit of mankind". Through an innovative education model combining professional knowledge with Service-Learning and real-world experience, PolyU has nurtured many bright minds to serve and contribute to the community. We also challenge boundaries and uncover knowledge, bringing many practical yet world-changing ideas to life for the benefit of mankind. These efforts reflect our commitment as described in the University's brand promise — *Opening Minds • Shaping the Future*.

Transportation

From Hong Kong International Airport
By Cityflyer Bus:
Take bus route A21 and get off at the terminus Hung Hom Station

By Taxi:
Taxi fare about HK$240

By MTR:
Take MTR and get off at Hung Hom Station.

Tourist Information

Hong Kong Tourism Board
Please visit the Hong Kong Tourism Board at *www.discoverhongkong.com* to find more details of attractions, shopping, dinning, etc. in Hong Kong.

Weather Forecast
Please visit to find the Hong Kong Observatory at *www.hko.gov.hk* for the latest weather forecast of Hong Kong.

It is our pleasure to invite you to Hong Kong for this exciting event.

Enquiries

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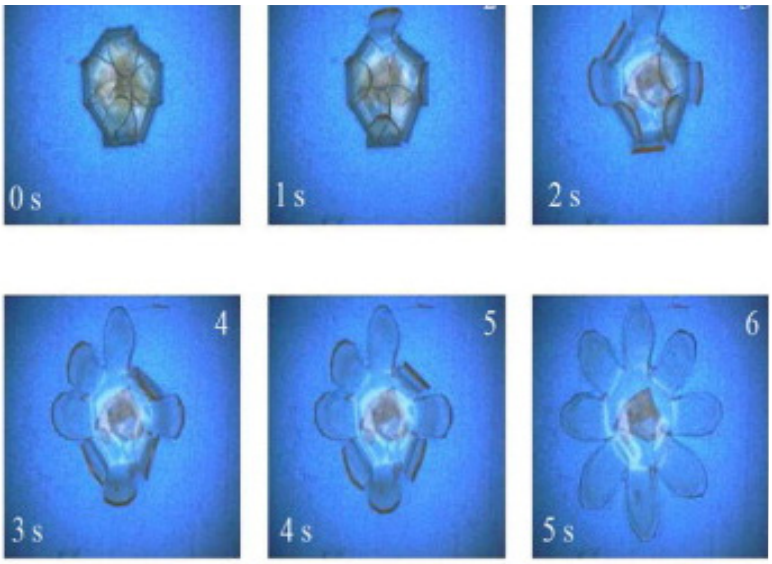
Email: smart2018@polyu.edu.hk (Available in mid-April)
Website: www.polyu.edu.hk/itc/smart2018 (Available in June)



Sponsors

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Gold Corporate Sponsor	HKD 50,000	Networking Reception + Silver	free registration for 3
Silver Corporate Sponsor	HKD 30,000	Coffee Break Sponsor + Bronze	free registration for 2
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Corporate Sponsor	HKD 10,000	Logo displayed on promotional material	free registration for 1