2023 IBMD Research Week

Institute for Biomedical Materials and Devices (IBMD)

2nd - 10th June 2023, Sydney, Australia

Conference Plenary and Keynote Speakers:


Hongjie Dai (Stanford)


Wei Huang (NWPU)

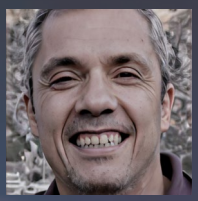

Meifang Zhu (TWAS)


Jennifer Dionne (Stanford)


Paul Robinson (Purdue Univ.)


David Parker (Durham Univ.)


Lei Jiang (CAS)


Luis Dias Carlos (CICECO)


Lingdong Sun (PKU)


Seiichi Uchiyama (Univ. Tokyo)


Jun Chen (Univ. California)


Shuhong Yu (USTC)


Xiaogang Liu (NUS)


Pep Pamies (Editor, NBE)


Min Qiu (Westlake Univ.)


Juyoung Yoon (UWHA)


Julie Biteen Univ. of Michigan


Yung Doug Suh (UNIST)


Changlin Tian (USTC)


Baohua Jia (RMIT)


Lan Fu (ANU)


Elizabeth Hinde (Univ. Melbourne)


Justin Chalker (Univ. Flinders)

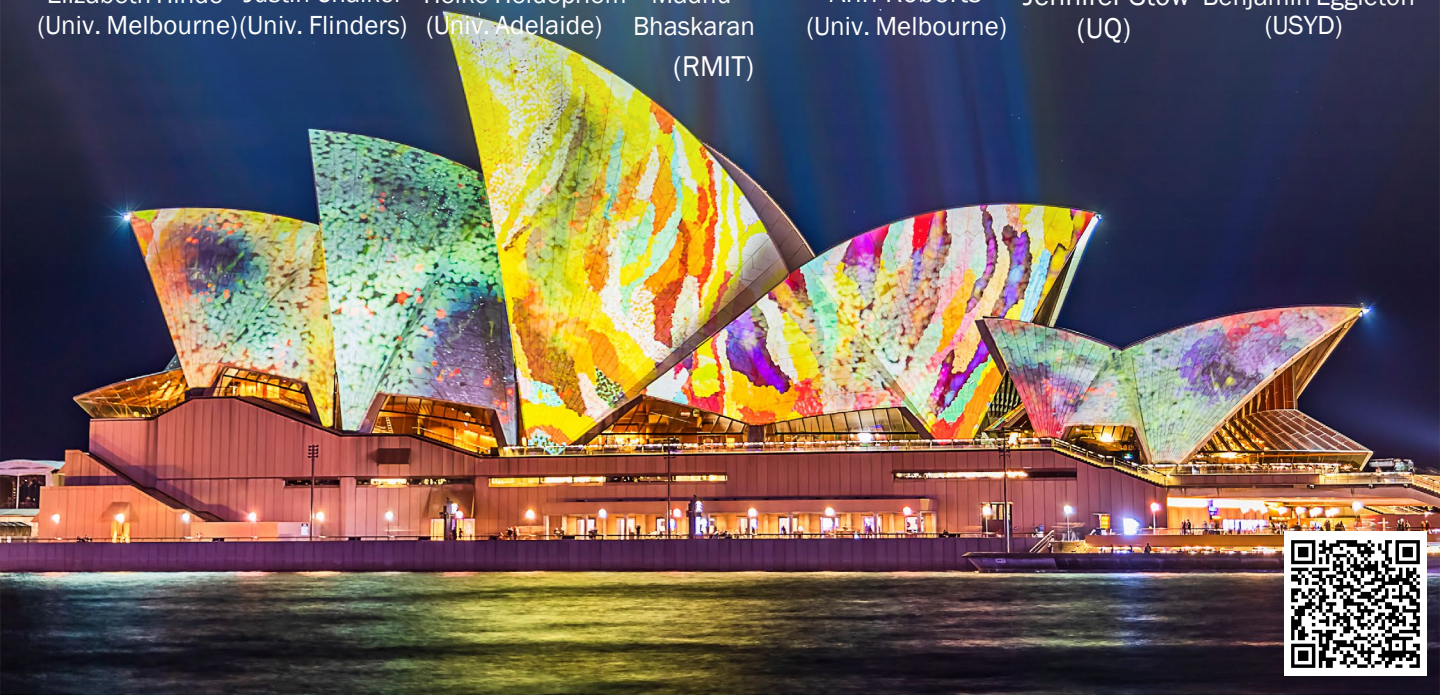

Heike Heidepriem (Univ. Adelaide)


Madhu Bhaskaran (RMIT)


Ann Roberts (Univ. Melbourne)


Jennifer Stow (UQ)


Benjamin Eggleton (USYD)



2023 IBMD Research Week

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3rd June: Smart Molecules Symposium

Time	Presenter
9:00 – 9:10	Welcome Speech
Session 1: Smart molecules and materials	
9:10 – 9:40	**Justin Chalker** (Flinders University)
9:40 – 10:10	**Kang Liang** (University of New South Wales)
10:10 – 10:40	**Markus Muellner** (The University of Sydney)
10:40 – 10:55	Morning Tea
10:55 – 11:25	**Xiangyang Shi** (Donghua University)
11:25 – 11:55	**Lingdong Sun** (Peking University)
11:55 – 12:20	**Yung Doug Suh** (Ulsan National Institute of Science & Technology)
Session 2: Functional biomedical materials and devices	
13:30 – 14:05	**Shuhong Yu** (University of Science & Technology of China)
14:05 – 14:40	**Juyoung Yoon** (Ewha Womans University)
14:40 – 14:55	Afternoon Tea
14:55 – 15:30	**Heike Ebendorff-Heidepriem** (The University of Adelaide)
15:30 – 16:00	**Quan Yuan** (Hunan University)
Session 3: Expert Panel discussion on "scientific paper writing" 16:00 – 17:00	

Venue: CB08.02.005, Building 8, UTS (8 Ultimo road, Ultimo, NSW, Australia)

Smart Molecules

Open Access

2023 IBMD Research Week

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4th June: Hunter Valley Wine Tours







2023 IBMD Research Week

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Conference Plenary and Keynote Speakers:

5th June: Symposium for Light: Science & Applications



Hongjie Dai
(Stanford)



David Parker
(Durham Univ.)



Baohua Jia
(RMIT)



Glenn Solomon
(UA)



Lan Fu
(ANU)



Benjamin Eggleton
(USYD)



Min Qiu
(Westlake Univ.)



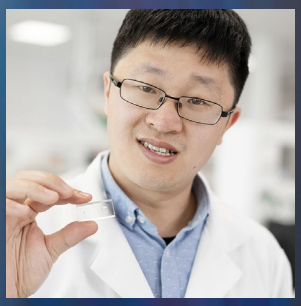
James Hutchison
(MU)



Renren Deng
(ZJU)



Yongsheng Zhao
(CAS)



Arnold Lining Ju
(USYD)



Pep Pàmies
(Editor, NBE)



2023 IBMD Research Week

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5th June: Symposium for Light: Science & Applications

Time	Presenter	
9:00 – 9:10	Welcome Speech	
9:10 – 9:45	**Hongjie Dai** (Stanford)	Plenary Talk
9:45 - 10:20	**David Parker** (HKBU)	Plenary Talk
10:20 – 10:40	Morning Tea	
10:40 – 11:15	**Baohua Jia** (RMIT)	Plenary Talk
11:15 – 11:40	**Glenn Solomon** (UA)	Keynote speech
11:40– 12:05	**Lan Fu** (ANU)	Keynote speech
	Lunch	
13:30 – 14:05	**Benjamin J. Eggleton** (USYD)	Plenary Talk
14:05 – 14:30	**Min Qiu** (WU)	Keynote speech
14:30 – 14:55	**James Hutchison** (MU)	Keynote speech
14:55 – 15:20	**Renren Deng** (ZJU)	Keynote speech
15:20 - 15:40	Afternoon Tea	
15:40 - 16:05	**Yongsheng Zhao** (CAS)	Keynote speech
16:05 – 16:30	**Arnold Lining Ju** (USYD)	Keynote speech
16:30 – 17:05	**Pep Pàmies** (Nat. Biomed. Eng.)	Plenary Talk
17:05	Closing Remark	

Venue: **The Green Theatre** (Room 025, Level 2, Building 7), **UTS**

2023 IBMD Research Week

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6th June: Symposium for Wearable Sensors & Devices

Time	Presenter
9:00 – 9:10	Welcome Speech
Session 1: Flexible Sensors and Devices (Chair: Anderson Shum)	
9:10 – 9:45	**Wei Huang (Northwestern Polytechnical University)**
9:45 – 10:10	**Madhu Bhaskaran (RMIT University)**
10:10 – 10:30	Morning Tea
10:30 – 10:55	**Jun Chen (University of California)**
10:55 – 11:20	**Guangming Tao (Huazhong University of Science & Technology)**
11:20– 11:45	**Paul Mulvaney (Melbourne University)**
11:45 – 12:20	**Meifang Zhu (Donghua University)**
Session 2: Smart Materials for Wearable Technologies (Chair: Jun Chen)	
13:30 – 13:55	**Chunhui Wang (University of New South Wales)**
13:55 – 14:20	**Antonio Tricoli (University of Sydney)**
14:20 – 14:55	**Xiaogang Liu (National University of Singapore)**
14:55 – 15:20	**Anderson Shum (University of Hongkong)**
15:20 – 15:40	Afternoon Tea
Session 3: Expert Panel Discussion	
15:40– 16:40	**Round Table Discussion on Interdisciplinary Collaborations and Translational Opportunities**


Wei Huang


Meifang Zhu


Madhu Bhaskaran


Jun Chen


Antonio Tricoli


Guangming Tao


Paul Mulvaney


Anderson Shum


Xiaogang Liu


Chunhui Wang

Venue: **The Green Theatre** (Room 025, Level 2, Building 7), **UTS**

2023 IBMD Research Week

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7th June: Vivid Sydney Tours









Dinner Event: Vivid Sydney Cruise



Early Bird (before 1st May)

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8th June: Symposium for Super-Resolution Imaging and Quantum Biotechnology (Chair: Leo Zhang)

Time	Presenter	Title
9:00 – 9:10		Welcome Speech
9:10 – 9:40	**Lei Jiang**	
9:40 - 10:10	**Paul Robinson**	
10:10 – 10:30		Morning Tea
10:30 - 11:00	**Seichi Uchiyama**	
11:00 – 11:30	**Juile Biteen**	
11:30– 12:00	**Jennifer Stow**	
		Lunch
13:30 - 14:00	**Louis Carlos**	
14:00 – 14:20	**Changlin Tian**	
14:20 – 14:40	**David Simpson**	
14:40 – 15:00	**Elizabeth Hinde**	
15:00 – 15:20	**Liam Hall**	
15:20 – 15:40	**Lisanne Spenkelink**	
15:40 – 16:00	**Danna Whelan**	



Lei Jiang
CAS



Paul Robinson
U. Purdue



Seichi Uchiyama
U. Tokyo



Juile Biteen
U. Michigan



Jennifer Stow
UQ



Louis Carlos
CICECO

Venue: **The Green Theatre** (Room 025, Level 2, Building 7), **UTS**

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9th June: Emerging Leaders in Biomedical Materials and Devices

Time	Presenter
9:00-9:10	Welcome speech
Session 1: Mid-Career Researchers (Chair: A/Prof. Lana McClements, University of Technology Sydney)	
9:10-9:30	**A/Prof. Sophia Gu** (UNSW Sydney)
9:30-9:50	**Dr Run Zhang** (The University of Queensland)
9:50-10:10	**Dr Ming Li** (Macquarie University)
10:10-10:30	**A/Prof. Jelena Kovacina** (UNSW Sydney)
Morning Tea	
10:50-11:10	**Dr Andrew Care** (University of Technology Sydney)
11:10-11:30	**A/Prof. Khoon Lim** (The University of Sydney)
11:30-11:50	**Dr Dorna Esrafilzadeh** (UNSW Sydney)
11:50-12:10	Industry talk
Lunch break	
Session 2: Early Career Researchers (Chair: Dr Ying Zhu, University of Technology Sydney)	
13:00-13:20	**Dr Arutha Kulasinghe** (The University of Queensland)
13:20-13:50	**Dr Qianqian Shi** (Monash University)
13:50-14:10	**Dr Alain Wuethrich** (The University of Queensland)
14:10-14:30	**Dr An na Cho** (Macquarie University)
14:30-14:50	**Dr Ji Lu** (The University of Queensland)
14:50-15:10	**Dr Jiawen Li** (University of Adelaide)
15:10-15:30	**Dr Shihui Wen** (University of Technology Sydney)
Afternoon Tea	
Session 3: PhD Student Lightening Talks	
Session 4: Panel Discussion: Careers in Academia (MC: Pep Pàmies, Chief Editor, Nature Biomedical Engineering)	
16:30-17:10	**Prof. Hongjie Dai** (Stanford University) **Prof. David Parker** (Durham University) **Asst. Prof. Seiichi Uchiyama** (The University of Tokyo) **Prof. Julie Biteen** (Michigan) **Dist. Prof. Juyoung Yoon** (Ewha Womans University)

Venue: **The Green Theatre** (Room 025, Level 2, Building 7), **UTS**