


4th International Symposium on Mechanobiology

v3.3

Day 1: Sunday 6 November, 2022 (All times in AEDT, GMT+11) @ Messel Lecture Theatre, Sydney Nanoscience Hub

12:00pm - 2:00pm	REGISTRATION @ Level 3 Foyer, Sydney Nanoscience Hub		
2:00pm - 2:30pm	WELCOME TO COUNTRY and WELCOME TO CONFERENCE		Chair: Boris Martinac
2:30pm - 3:20pm	 PLENARY TALK: Martin Chalfie		Chair: Boris Martinac
3:20pm - 3:55pm	KEYNOTE TALK: David Beech		
3:55pm - 4:20pm	Afternoon break with refreshments		
	MECHANICS IN CANCER session @ Messel Lecture Theatre, Sydney Nanoscience Hub		Chair: Yu Suk Choi
4:20pm - 4:45pm	INVITED TALK: Chwee Teck Lim	4:45pm - 5:10pm	INVITED TALK: Geraldine O'Neill
5:10pm - 5:35pm	INVITED TALK: Adam Engler	5:35pm - 6:00pm	INVITED TALK: Dennis Discher

Day 2: Monday 7 November, 2022

9:00am - 9:05am	ACKNOWLEDGEMENT OF COUNTRY @ Messel Lecture Theatre, Sydney Nanoscience Hub		
9:05am - 9:55am	PLENARY TALK: Rong Li		Chair: Sara Baratchi
9:55am - 10:30am	KEYNOTE TALK: Satyajit Mayor	10:30am - 10:55am	INVITED TALK: Samantha Stehbens
10:55am - 11:25am	Morning break with refreshments		
	NON-MAMMALIAN MECHANOBIOLOGY session @ Messel Lecture Theatre, Sydney Nano	Chair: Boris Martinac	MECHANOSENSITIVE CHANNELS session @ Lecture Theatre 2, Room 424, Physics Bld. Chair: Charles Cox
11:25am - 11:50am	INVITED TALK: Joshua Coomey		INVITED TALK: Eric Honoré

11:50am - 12:15pm	INVITED TALK: Jean-Marie Frachisse	INVITED TALK: Ruhma Syeda
12:15pm - 12:30pm	SELECTED TALK: Linda Kenney	SELECTED TALK: Sarah Boyle
12:30pm - 12:45pm	SELECTED TALK: Kenjiro Yoshimura	SELECTED TALK: Jonathan A. Garcia Contreras
12:45pm - 1:45pm	Lunch break	
	MECHANO-IMAGING I session @ Messel Lecture Theatre, Sydney Nano Chair: Daryan Kempe	MECHANO-IMAGING II session @ Lecture Theatre 2, Room 424, Physics Bld. Chair: Peter Su
1:45pm - 2:10pm	INVITED TALK: Medha Pathak	INVITED TALK: Anne Lagendijk
2:10pm - 2:35pm	INVITED TALK: Delphine Delacour	INVITED TALK: Kathryn Stok
2:35pm - 2:50pm	SELECTED TALK: Keng-hui Lin	SELECTED TALK: Barry Thompson
2:50pm - 3:05pm	SELECTED TALK: Andrew Holle	SELECTED TALK: Vidhyalakshmi Acharya
3:05pm - 3:20pm	SELECTED TALK: Thomas Cox	SELECTED TALK: Qiutan Yang
3:20pm - 3:50pm	Afternoon break with refreshments	
3:50pm - 4:25pm	KEYNOTE TALK: Gary Lewin @ Messel Lecture Theatre, Sydney Nanoscience Hub	Chair: Jessica Richardson
4:25pm - 5:05pm	FLASH TALKS (10 x 3 min) @ Messel Lecture Theatre, Sydney Nanoscience Hub	Chair: Jessica Richardson
5:05pm - 5:15pm	GROUP PHOTO @ Messel Lecture Theatre or @ the audience stands between Physics Building and the Oval	
5:05pm - 8:00pm	POSTER Session with drinks/refreshments	International Society of Mechanobiology Board meeting 5:15pm - 6:15pm @ ROOM 4001

THANKS TO ALL OUR SPONSORS



Day 3: Tuesday 8 November, 2022

9:00am - 9:05am	ACKNOWLEDGEMENT OF COUNTRY @ Messel Lecture Theatre, Sydney Nanoscience Hub	
	THEORY session	Chair: Maté Biro
9:05am - 9:55am	 EMBO PLENARY LECTURE: Stephan Grill	
9:55am - 10:20am	INVITED TALK: Richard Morris	10:20am - 10:45am INVITED TALK: Madan Rao
10:45am - 11:15am	Morning break with refreshments	
	SENSORY TRANSDUCTION session @ Messel Lecture Theatre, Sydney Nano Chair: Charles Cox	TISSUE MECHANICS session @ Lecture Theatre 2, Room 424, Physics Bld. Chair: Yu Suk Choi
11:15am - 11:40am	INVITED TALK: Valeria Vásquez	INVITED TALK: Misato Iwashita
11:40am - 12:05pm	INVITED TALK: Uhtaek Oh	INVITED TALK: Masahiro Sokabe
12:05pm - 12:20pm	SELECTED TALK: Martin Fronius	SELECTED TALK: Amy Gelmi
12:20pm - 12:35pm	SPONSOR TALK: MAWA 10 min	SELECTED TALK: Brendan Kennedy
12:35pm - 12:45pm	SPONSOR TALK: TAIHOYA Sponsor Video 10 min	SPONSOR TALK: LUMICKS 10 min
12:45pm - 1:45pm	Lunch break	AuSMB Annual General Meeting @ ROOM 4001
	CELLULAR MECHANOSENSING session @ Messel Lecture Theatre, Sydney Nano Chair: Kate Poole	EXTRACELLULAR MECHANICAL SIGNALS session @ Lecture Theatre 2, Room 424, Physics Bld. Chair: Jan Lauko
1:45pm - 2:00pm	SELECTED TALK: Benjamin Dalton	SELECTED TALK: Jennifer Young
2:00pm - 2:15pm	SELECTED TALK: Massimo Vassalli	SELECTED TALK: Marco Enriquez
2:15pm - 2:30pm	SELECTED TALK: Michelle Peckham	SELECTED TALK: Iris Doolaar
2:30pm - 2:45pm	SELECTED TALK: Benjamin Kroeger	SELECTED TALK: Remi Peyronnet
2:45pm - 3:00pm	SELECTED TALK: Yuanyuan Zhang	SELECTED TALK: Woei Ming Lee
3:00pm - 3:15pm	SELECTED TALK: Julio F. Cordero-Morales	SELECTED TALK: Dietmar Oelz

3:15pm - 3:45pm	Afternoon break with refreshments	
3:45pm - 4:20pm	KEYNOTE TALK: Peter Kohl	Chair: Sara Baratchi
4:20pm - 4:55pm	KEYNOTE TALK: Peter Yingxiao Wang	Chair: Sara Baratchi
4:55pm - 5:20pm	INVITED TALK: Rob Parton	Chair: Sara Baratchi
5:45pm - 6:00pm	Coaches will depart at 6:00pm from Fisher Library (5 min walk from Sydney Nano) to conference dinner site	
6:30pm - 11:30pm	CONFERENCE DINNER at the Harbourside Room, Museum of Contemporary Art, The Rocks, Sydney	

Day 4:	Wednesday 9 November, 2022		
9:00am - 9:05am	ACKNOWLEDGEMENT OF COUNTRY @ Messel Lecture Theatre, Sydney Nanoscience Hub		
9:05am - 9:55am	PLENARY TALK DAY 4: Michael Sheetz	Chair: Kate Poole	
9:55am - 10:30am	KEYNOTE TALK: Jeffrey Holt	Chair: Kate Poole	
10:30am - 10:55am	INVITED TALK: Eduardo Perozo	Chair: Kate Poole	
10:55am - 11:20am	Morning break with refreshments		
	TISSUE ENGINEERING session @ Messel Lecture Theatre, Sydney Nanoscience Hub	Chair: Arnold Ju	
11:20am - 11:45am	INVITED TALK: Song Li	11:45pm - 12:10pm	INVITED TALK: Chun-Xia Zhao
12:10pm - 12:30pm	CLOSING REMARKS and AWARDS PRESENTATIONS		Boris Martinac

12:30pm - 1:30pm	Sydney Nano Distinguished Event Address by Prof Benjamin Eggleton Lunch break
1:30pm - 4:30pm	PUBLIC LECTURES host by Sydney Nano @ Messel Lecture Theatre, Sydney Nanoscience Hub