

The logo for the 34th Canadian Materials Science Conference 2023 features the letters C, M, S, and C in white, each inside a colored hexagon (brown, yellow, blue, and light blue respectively).

34th  
**CANADIAN MATERIALS**  
**SCIENCE CONFERENCE** **2023**

June 27 – 30

University of Manitoba

Note: This schedule is a draft and may undergo changes later.

27-Jun

Agenda	Short course I: Synchrotron Applications in Materials Research	Agenda	Short Course II: In-situ Nanoindentation
		9:00am-10:30am	Lecture
		10:30am-11:00 am	coffee break
		11:00am-12:30pm	Hand-on demo I
12:00pm-12:45pm	Lunch box	12:30pm-1:30pm	Lunch box
12:45pm-1:45pm	Lecture I		
1:45pm-2:45pm	Lecture II	1:00pm-3:00pm	Hand-on demo II
2:45pm-3:00pm	coffee break	3:00pm-3:30pm	coffee break
3:00pm-4:00pm	Lecture III	3:30pm-5:00pm	Hand-on demo III
4:00pm-5:00pm	Lecture IV		
		Hand-on Demos will be in the building of Manitoba Institute for Materials.	
5:00pm-7:00pm	<b>Welcome Reception</b>		

AAM: Additive and advanced manufacturing			BMSM: Biomaterials and soft materials			
MTC: Materials theory, computation and data			PMC: Physical metallurgy and characterization			
Session ID	Time		28-Jun			
			Room 1	Room 2	Room 3	Room 4
	8:30am-9:30am		Registrations and Breakfast			
	9:00am-9:10am		Conference Welcome ( By CMSC chair, E3-270)			
	9:10am-10am		DKC McDonald Lecture (E3-270, introduced by CMSC chair)			
		AM	AAM1	BMSM1	MTC1	PMC1
A1	10:10am-10:30am	Talk 1	<b>Jingjie (Peter) Wei (Invited)</b>	Mohammad Muzammil	<b>Jun Song (invited)</b>	<b>Akindele Odeshi (Invited)</b>
A2	10:30am-10:50am	Talk 2	Joseph Agyapong	Yuqing Liu	Mahdi Mohsini	Diego Mateos
A3	10:50am-11:10am	Talk 3	Ekundayo Binuyo	Jungkyu Lee	Jaarli Suviranta	Timothy Odiaka
A4	11:10am-11:30am	Talk 4	Shazaib Ahsan	Najafabad Branch	Ziqi Cui	
	11:30am-11:50am	Coffee break				
A5	11:50am-12:10pm	Talk5	<b>Lulu Guo (Invited)</b>	Chenyu Qiao	<b>Ron Miller (invited)</b>	<b>Bhaveshkumar Kamaliya (Invited)</b>
A6	12:10pm-12:30pm	Talk6	Mohammad Rezayat	Xingying Zhang	Gurnek Tak	Moein Iman Fourmani
A7	12:30pm-12:50pm	Talk7	Rasool Mokhtari Homami	Muhammad Rizwan	Zuoyong Zhang	Muhammad Umer
A8	12:50pm -1:10pm	Talk8	Ravinder Singh			Tamara Kazoun
	1:10am-2:20pm	Lunch box	Poster setup/Invited industry talk			
		PM				
			AAM2	BMSM2	MTC2	PMC2
P1	2:20pm - 2:40pm	Talk1	<b>Toan Truong (Invited)</b>	Mojtaba Abbasi	<b>Chad Sinclair (invited)</b>	<b>Jamie Hogan (Invited)</b>
P2	2:40pm - 3:00pm	Talk2	Ajay Talbot	kaige Xu	Sidharth Sarmah	Oluwasegun Adesola
P3	3:00pm - 3:20pm	Talk3	Sangeev Selvaratnam	Yawei Zhao	Alex Mamaev	Zhina Razaghi
P4	3:20pm - 3:40pm	Talk4	Solomon Hanson Duntu		Ruitian Chen	Imtiaz Ahmed
	3:40pm - 4:00pm	Coffee break				
P5	4:00-4:20pm	Talk5	Amardeep Singh Kang	Ziqian Zhao	<b>Md Mijanur Rahman (invited)</b>	Christine Vo
P6	4:20pm - 4:40pm	Talk6	Rabea Al-Kersh	Chelsea Wu	Xinyuan Song	Reza Khatib Zedeh Davani
P7	4:40pm - 5:00pm	Talk7	Chenchen Jing	Bableen Flora Talwar	Haijun Zhang	Hamed Shirazi
P8	5:00-5:20pm	Talk8		Muhammad Islam		Hiroyuki Tanaka
	5:20-6:20pm	Poster session	Poster session 1			

The invited talk is for 30 minutes, and subsequent talks will be postponed accordingly

GS: Green and sustainability			FMS: Functional materials and structures			
MTC: Materials theory, computation and data			PMC: Physical metallurgy and characterization			
Session ID	Time		29-Jun			
			Room 1	Room 2	Room 3	Room 4
	8:30-9:30am		Registrations and Breakfast			
	9-9:50am		Metal Physics Lecture (E3-270, introduced by CMSC chair)			
		AM	GS1	FMS1	MTC3	PMC3
A1	10:00am - 10:20am	Talk 1	<b>Drew Higgins (Invited)</b>	<b>Hamid Jafari (Invited)</b>	<b>Hao Sun (invited)</b>	
A2	10:20am - 10:40am	Talk 2	Feizhou He	Babak Mokhtarnia	Karim Zongo	
A3	10:40am - 11:00am	Talk 3	Graeme Francolini	Ramin Hamzehei	Abu Anand	
A4	11:00am - 11:20am	Talk 4	Mariam Odetallah		Yuxuan Wang	
	11:20am - 11:40am	Coffee break				
A5	11:40am - 12:00pm	Talk5	<b>Ge Li (invited)</b>	Seyed Hossein Mussavi Rizi	Semere Araya	
A6	12:00pm - 12:20pm	Talk6	Anh Mai	Christina Balanduk	Mohamed Hendy	
A7	12:20pm - 12:40pm	Talk7	Melissa Isabel Ayala Sánchez	Anita Amir Labonno	Javad Shirani	
A8	12:50pm -1:10pm	Talk8	Melani Guadalupe Ayala Sánchez			
	1:10am-2:20pm	Lunch box	Student award announcement			
		PM				
			GS2	FMS2	MTC4	PMC4
P1	2:20pm - 2:40pm	Talk1	<b>Sami Khan (invited)</b>	Sumin Han	Ying Zhao	<b>Ben Britton (Invited)</b>
P2	2:40pm - 3:00pm	Talk2	Goitom Gebreyohannes Berhe	Gamaliel Azariah	Pedro Guerra Demingos	Yushun Liu
P3	3:00pm - 3:20pm	Talk3	sandeep kaur gill	Shashwata Moitra	Ying Yang	Tonye Jack
P4	3:20pm - 3:40pm	Talk4	Idil Mutlu Tuncer	James Njuguna		Timothy Odiaka
	3:40pm - 4:00pm	Coffee break				
P5	4:00-4:20pm	Talk5	<b>Scott Kroeker (invited)</b>	Jehangir Khan		Johnson Aina
P6	4:20pm - 4:40pm	Talk6	Gökhan Başman	Sameed Khan		Intekhab Alam
P7	4:40pm - 5:00pm	Talk7	Xue Yao			Modupeola Dada
P8	5:00-5:20pm	Talk8	Ying Zhao			
	5:00-6:00pm					
	6:15pm-8:30pm		Banquet Dinner			

The invited talk is for 30 minutes, and subsequent talks will be postponed accordingly

GS: Green and sustainability			FMS: Functional materials and structures			
Session ID	Time		30-Jun			
			Room 1	Room 2	Room 3	Room 4
	8:30-9:30am		Registrations and Breakfast			
	9-9:50am		Metal Chemistry Lecture (E3-270, introduced by CMSC chair)			
		AM	GS3	FMS3		
A1	10:00am - 10:20am	Talk 1	<b>Wiqar Hussain Shah (invited)</b>	Ron Mussavi Rizi		
A2	10:20am - 10:40am	Talk 2	Mohammad Palimi	Lala Agamirov-Nost		
A3	10:40am - 11:00am	Talk 3	Masoud Taherijam	Yu Xiao		
A4	11:00am - 11:20am	Talk 4	Saiedeh Sadat Marashi	Mirette Fawzy		
	11:20am - 11:40am	Coffee break				
A5	11:40am - 12:00pm	Talk5	Thulasi Elumalai	Doha Mohammed		
A6	12:00pm - 12:20pm	Talk6	Goroh Itoh	Niranjnmurthi Lingappan		
A7	12:20pm - 12:40pm	Talk7	Ali Goksu			
A8	12:50pm -1:10pm	Talk8	Hassan Alshahrani			
	1:10am-2:20pm	Lunch box				
		PM				
	2:30pm		Royal Canadian mint tour (TBD)			

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