

SCIENTIFIC PROGRAMME CSBMM 2025

	SATURDAY (November 15th)
09:00 – 17:00	PRE-CONGRESS COURSES
	SUNDAY (November 16th)
09:00 – 16:30	PRE-CONGRESS COURSES
16:30 – 18:00	REGISTRATION
18:00 – 18:30	OPENING CERIMONY
18:30 – 19:30	OPENING PLENARY: Maria Augusta Arruda – CNPEM
19:30 – 21:30	WELCOME RECEPTION
	MONDAY (November 17th)
09:00 – 10:00	PLENARY TALK 1 Daniel Ugarte - Unicamp
10:00 – 10:15	Technical lecture dpUnion

10:15 – 10:50	COFFEE BREAK AND EXHIBITION (ARENA?)			
10:50 – 12:30		MATERIALS SYMPOSIUM I Transmission Electron Microscopy of Nanostructures and Engineering Materials, including all techniques associated with TEM, such as STEM, EDS, EELS, electron diffraction, 4DSTEM, in situ experiments, and electron tomography. Organizing committee: <i>Paula Mendes Jardim (UFRJ)</i> <i>Beatriz Canabarro (CBPF)</i> <i>Francisco Coury (UFSCar)</i> <i>Daniel Baptista Lorscheiter (UFRGS)</i> <i>Jefferson Bettini (CNPEM)</i> <i>Karla Balzweit (UFMG)</i> <i>Carlos Alberto Ospina Ramirez (CNPEM)</i>		LIFE SCIENCES SYMPOSIUM I Scanning electron microscopy (SEM) applied to biological samples, including all techniques associated with SEM, such as EDS, SBF and FIB. Organizing committee: <i>Marcia Attias (UFRJ)</i> <i>Glenda Quaresma Ramos (UEAM)</i>
12:30 – 14:00	LUNCH			
14:00 – 15:00	PLENARY TALK 2			
15:00 – 15:30	Technical lecture Jeol			
15:30 – 17:10		MATERIALS SYMPOSIUM II	GENERAL MICROSCOPY SYMPOSIUM I	LIFE SCIENCES SYMPOSIUM II

		<p>Scanning Electron Microscopy of Nanostructures and Engineering Materials, including all techniques associated with SEM, such as EDS, EBSD, and FIB.</p> <p>Organizing committee:</p> <p><i>Giovanna Machado (CETENE)</i></p> <p><i>Suzana Bottega Peripolli (UERJ)</i></p> <p><i>Rodrigo Prioli Menezes (PUC- Rio)</i></p> <p><i>Braulio Soares Archanjo (INMETRO)</i></p> <p><i>Xing Yutao (UFF)</i></p> <p><i>Rodrigo Dias dos Santos (UFRJ)</i></p>	<p>Scanning probe microscopy and applications in physics, materials science, and life sciences.</p> <p>Organizing committee:</p> <p><i>Rodrigo Prioli Menezes (PUC- Rio)</i></p> <p><i>Gilberto Weissmuller (UFRJ)</i></p>	<p>Transmission electron microscopy (TEM) applied to biological samples, including all techniques associated with TEM, such as STEM, EDS, in situ experiments, and electron tomography.</p> <p>Organizing committee:</p> <p><i>Edilene Oliveira da Silva (UFPA)</i></p> <p><i>Erica Martins Duarte (UFMG)</i></p> <p>Speaker: Rossana Melo (UFJF)</p>
17:10 – 18:30	POSTER SECTION I AND COFFEE BREAK (ARENA?)			
18:30 – 20:00	<p>SBMM ASSEMBLY</p> <p>Chair: Giovanna Machado – CETENE - Brazil</p>			
	TUESDAY (November 18th)			
09:00 – 10:00	PLENARY TALK 3			
10:00 – 10:15	<p>Technical lecture</p> <p>Zeiss</p>			
10:15 – 10:50	COFFEE BREAK AND EXHIBITION (ARENA?)			
10:50 – 12:30	2nd Art & Science Exhibition	MATERIALS SYMPOSIUM II		LIFE SCIENCES SYMPOSIUM II

	<p>Curators: Tatiane Oliveira dos Santos and Gisane Gasparotto (UFG-Brazil); Mariana Ozello Baratti (UNICAMP-Brazil) and Danielle Lizarin Bidóia (UEL-Brazil)</p>	<p>Scanning Electron Microscopy of Nanostructures and Engineering Materials, including all techniques associated with SEM, such as EDS, EBSD, and FIB.</p> <p>Organizing committee:</p> <p><i>Giovanna Machado (CETENE)</i></p> <p><i>Suzana Bottega Peripolli (UERJ)</i></p> <p><i>Rodrigo Prioli Menezes (PUC- Rio)</i></p> <p><i>Braulio Soares Archanjo (INMETRO)</i></p> <p><i>Xing Yutao (UFF)</i></p> <p><i>Rodrigo Dias dos Santos (UFRJ)</i></p>		<p>Transmission electron microscopy (TEM) applied to biological samples, including all techniques associated with TEM, such as STEM, EDS, in situ experiments, and electron tomography.</p> <p>Organizing committee:</p> <p><i>Edilene Oliveira da Silva (UFPA)</i> <i>Erica Martins Duarte (UFMG)</i></p>
12:30 – 14:00	LUNCH			
14:00 – 15:00	<p>PLENARY TALK 4</p> <p>Rafal Dunin-Borkowski - Ernst Ruska Centre for Microscopy and Spectroscopy with Electrons</p>			
15:00 – 15:30	<p>Technical lecture</p> <p>Bruker</p>			

15:30 – 17:10	2nd Art & Science Exhibition Curators: Tatiane Oliveira dos Santos and Gisane Gasparotto (UFG-Brazil); Mariana Ozello Baratti (UNICAMP-Brazil) and Danielle Lizarin Bidóia (UEL-Brazil)	GENERAL MICROSCOPY SYMPOSIUM III Image processing and analysis for life science and materials science, including new artificial intelligence, machine learning, and deep learning methods. Organizing committee: <i>Sidnei Paciornik (PUC-Rio) Rodrigo Portugal (CNPEM)</i>	WOMEN IN MICROSCOPY SYMPOSIUM Organizers: <i>Carolina Garin (UFRJ) and Raquel Gonçalves (UFRJ)</i>	
17:10 – 18:30	POSTER SECTION II AND COFFEE BREAK (ARENA?)			
	GET-TOGETHER EVENT			

	WEDNESDAY (November 19th)
09:00 – 10:00	PLENARY TALK 5
10:00 – 10:15	Technical lecture Tescan
10:15 – 10:50	COFFEE BREAK AND EXHIBITION

10:50 – 12:30	2nd Art & Science Exhibition Curators: Tatiane Oliveira dos Santos and Gisane Gasparotto (UFG-Brazil); Mariana Ozello Baratti (UNICAMP-Brazil) and Danielle Lizarin Bidóia (UEL-Brazil)	IMAGING EDUCATION SIMPOSIUM Organizing committee: <i>Fabio Gomes (UFRJ)</i> <i>Eduardo Torres (UERJ)</i>	LIFE SCIENCES SYMPOSIUM III Cryo-EM and Cryo-ET applied to biological samples. Organizing committee: <i>Kildare Miranda (UFRJ)</i> <i>Leonardo Talachia Rosa (Unicamp)</i>	MICROSCOPY IN THE INDUSTRY SYMPOSIUM Organizer: Daniel Baptista Lorscheiter (UFRGS), Suzana Bottega Peripolli (UERJ)
12:30 – 14:00	LUNCH			
14:00 – 15:00	PLENARY TALK 6			
15:00 – 15:15	Technical lecture ThermoFisher			
15:15 – 15:30	Technical lecture			

	Oxford		
15:30 – 17:10	2nd Art & Science Exhibition Curators: Tatiane Oliveira dos Santos and Gisane Gasparotto (UFG-Brazil); Mariana Ozello Baratti (UNICAMP-Brazil) and Danielle Lizarin Bidóia (UEL-Brazil)	MATERIALS SYMPOSIUM IV X-ray tomography applied to materials science, including lab and synchrotron- based tomography, new equipment setups, improved AI-based reconstruction methods, and 3D image analysis. Organizing committee: <i>Davi Ferreira de Oliveira (UFRJ)</i>	LIFE SCIENCES SYMPOSIUM IV Optical microscopy applied to biological samples, including confocal and super-resolution microscopy (STED, PALM, STORM) and its applications in bioimaging. Organizing committee: <i>Hernandes Carvalho (Unicamp)</i> <i>Dawidson Gomes (UFMG)</i>
17:10 – 17:50	COFFEE BREAK		
18:00 – 19:30	AWARDS AND CLOSING CEREMONY		

Ruth Cardoso Cultural and Exhibition Center

Rua Celso Piatti, s/n - Jaraguá, Maceió - AL, 57022-210