

PROGRAM

**Workshop on Modeling
and Simulation for Science
and Engineering**

Octavio Andrés González Estrada
Chairman VII WMSSE

Ely Dannier V. Niño
Editor, Layout Coordinator

Program Mailing Address Information

Ely Dannier V. Niño
Foundation of Researchers in Science and Technology of Materials (FORISTOM)
Bucaramanga, Santander, Colombia
E-mail: info@foristom.org

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Coordinator of the International Scientific Committee

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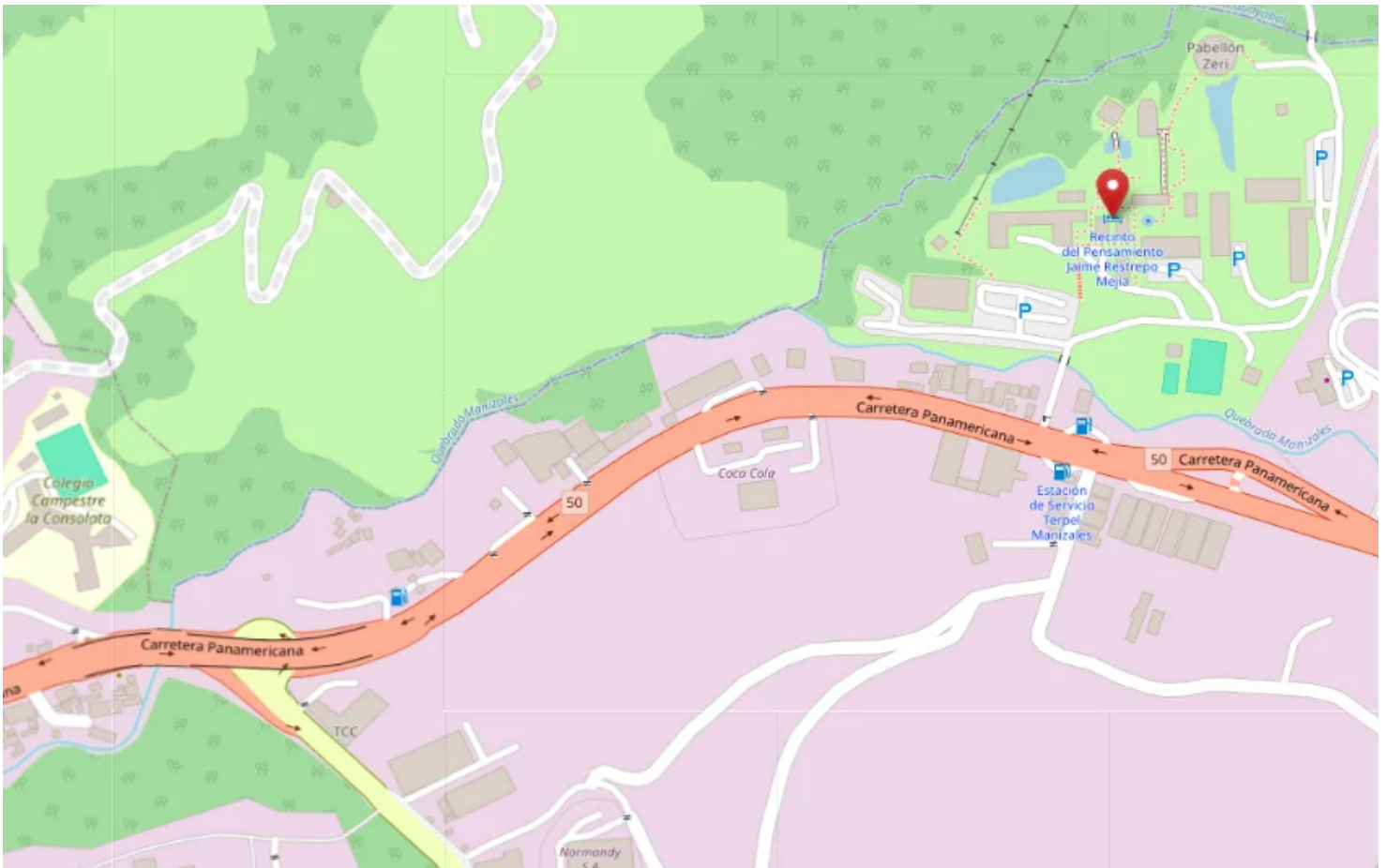
Invited Speakers

- ✓ Tiago Teixeira Saraiva
HSE Tikhonov Moscow Institute of Electronics and Mathematics, Russia
- ✓ Francisco de Paula Montero Chacón
Universidad Loyola Andalucía, Spain
- ✓ Ambjörn Wennberg
Nano4Energy, Spain
- ✓ Steven Tidrow
Alfred University, United States of America
- ✓ Linda Gil de Fuentes
Servicios LGLF SPA, Chile
- ✓ Mariana Pereyra Pérez
Universidad de la República, Uruguay
- ✓ Claudinei de Souza Guimaraes
Universidad Federal de Rio de Janeiro, Brazil

CONFERENCE VENUE

Estelar Recinto del Pensamiento Hotel & Convention Center

The VII Workshop on Modeling and Simulation for Science and Engineering (VII WMSSE) will be held from May 27 to 29, 2026, in the Estelar Recinto del Pensamiento Hotel & Convention Center is located in Manizales, Colombia; it offers a truly unique experience with comforts and services that exceed expectations. The Convention Center is fully equipped to host corporate, cultural, academic, scientific, and social events of all sizes, from small meetings and presentations to large conferences; it is home to the VII WMSSE, which engages education, science, engineering, and materials nanotechnology.



CONFERENCE ROOM

Wednesday, May 27, 2026	Barranquillo
	Barranquillo/Teams
Thursday, May 28, 2026	Barranquillo
	Barranquillo/Teams
Friday, May 29, 2026	Recinto del Pensamiento

The logo for VII WMSSE features a stylized white molecular structure with three spheres and connecting lines on the left. To its right, the text "VII WMSSE" is written in a large, bold, white, sans-serif font with a thick black outline. The background is a solid blue color with orange square patterns in the top right and bottom left corners.

VII WMSSE

TOPICS

- Computer Science (CS)
- Mechatronic Systems (MS)
- Dynamic Systems Modeling (DSM)
- Physical-Chemistry Modeling (PCM)
- Physics-Mathematical Modeling (PMM)
- Modeling, Simulation, and Diagnostics (MSD)
- Education on Science, Engineering, and Technology (ESET)
- Science, Engineering, Technology, and Innovation for Social Inclusion (SETISI)



PROGRAM

VII WMSSE

THIRD DAY

May 29, 2026

DAY HOUR	FRIDAY MORNING
9:00 – 10:00	<p>Meeting I: History of the modeling and simulation for science and engineering: toward the next generation Keynote Speaker: José José Barba Conference Room: Recinto del Pensamiento</p>
10:00 – 12:00	<p>Meeting II: Materials Science, Engineering, and Nanotechnology Researchers Network Keynote Speaker: Ely Dannier V. Niño Conference Room: Recinto del Pensamiento</p>
12:00 – 12:30	<p>Closing Ceremony: VII Workshop on Modeling and Simulation for Science and Engineering (VII WMSSE) Conference Room: Recinto del Pensamiento</p>

 **VII WMSSE**

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