

## Schedule — Analysis and PDE Session

### IMECC/UNICAMP — July 10–11, 2025

Time	Speaker	Talk Title
<b>Thursday — July 10, 2025</b>		
13:10 – 13:40	<b>Marcelo Ebert</b> (USP Ribeirão Preto)	<i>Sharp <math>L^p - L^q</math> estimates for a class of dissipative wave equations</i>
13:40 – 14:10		
14:10 – 14:40	<b>João Nariyoshi</b> (USP)	<i>On the existence of source-solutions to the multidimensional Burgers equation</i>
14:40 – 16:40	<b>Plenary Talks</b>	
16:40 – 17:10	<b>Thyago Santos</b> (UNICAMP)	<i>Self-similarity in nonlinear dispersive equations</i>
17:10 – 17:40	<b>Yuwei Hu</b> (UNICAMP)	<i>A minimum problem associated with scalar Ginzburg-Landau equation and free boundary</i>
17:40 – 18:10	<b>Daniel Marroquin</b> (UFRJ)	<i>Weak solutions of the compressible Poisson-Nernst-Planck-Navier-Stokes equations</i>
<b>Friday — July 11, 2025</b>		
13:10 – 13:40	<b>Mikaela Baldasso</b> (UNICAMP)	<i>Global analytic solutions to the BBM equation with damping</i>
13:40 – 14:10	<b>Leandro Tavares</b> (UFABC)	<i>Nonhomogeneous multiparameter problems in Orlicz-Sobolev spaces</i>
14:10 – 14:40	<b>Junior Da Silva Bessa</b> (UNICAMP)	<i>Optimal Regularity for Solutions to Transmission Problems for Fully Nonlinear Elliptic Models</i>
14:40 – 16:40	<b>Plenary Talks</b>	
16:40 – 17:10	<b>Reshmi Biswas</b> (UTFSM)	<i>Nonexistence of positive supersolutions for semilinear fractional elliptic equations in exterior domains</i>
17:10 – 17:40	<b>João Vitor da Silva</b> (UNICAMP)	<i>Calderón-Zygmund estimates for a fully nonlinear obstacle problem with unbounded ingredients</i>
17:40 – 18:10	<b>Alexander Muñoz</b> (USP)	<i>Dynamics of the Schrödinger operator on looping-edge graphs with applications to existence and instability of standing waves for the NLS equation</i>

**Location: Rooms 321 — IMECC/UNICAMP**

**Organizer Committee of the Analysis and PDE Session: Argenis J. Méndez and João Vitor Da Silva**

