

## Programação MWPDE

| Horário       | 26/02 (QUI)                                  | 27/02 (SEX)                             |
|---------------|--|---|
| 08:00 - 08:30 | Recepção                                     | --                                      |
| 08:30 - 09:00 | Abertura                                     | Pedro R. Lima (UFRRJ)                   |
| 09:00 - 09:30 | Ma To Fu<br>(UnB)                            | Angelo Guimarães (UEG)                  |
| 09:30 - 10:00 |  | Mirelson M. Freitas (UnB)               |
| 10:00 - 10:30 | Coffee Break                                 |   |
| 10:30 - 11:00 | Eduardo H. G. Tavares (DGUT)                 | Estefani M. Moreira (IME-USP)           |
| 11:00 - 11:30 | Bianca M. R. Calsavara (UNICAMP)             | Leonel G. Delatorre (UFSM)              |
| 11:30 - 13:30 | Almoço                                       |   |
| 13:30 - 14:00 | Anderson J. A. Ramos (UFPA)                  | Maykel B. Belluzi (UFSCar)              |
| 14:00 - 14:30 | Monisse P. Alves (UTFPR)                     | Wellington J. Corrêa (UTFPR)            |
| 14:30 - 15:00 | Heraclio L. L. Lázaro<br>(ICMC-USP)          | Rodrigo N. Monteiro (UEL)               |
| 15:00 - 15:15 | Coffee Break                                 |   |
| 15:15 - 15:55 | Pôster (PO) – Sessão 1<br>PO1, PO2, PO3, PO4 | Pôster (PO) – Sessão 2<br>PO5, PO6, PO7 |
| 16:00 - 16:30 | Gabriel E. B. Moraes (UEL)                   | Carlos R. Takaessu Jr. (UFSCar)         |
| 16:30 - 17:00 | Vando Narciso (UEMS)                         | Alberto S. Noé (UFAM)                   |
| 17:00 - 17:10 | --   | Encerramento                            |
| 19:30 - 11:00 | Jantar de confraternização                   |   |

**Legenda:** Palestras (PA) e Pôsteres (PO).

## Relação dos Palestrantes e Sessões das Palestras

**26/02**

**Chair: Marcio Jorge**

**09:00 – 10:00 - Ma To Fu (UnB)**

PA1. Mathematical modeling for the analysis of PDEs

**Chair: Gabriel Moraes**

**10:30 – 11:00 - Eduardo H. G. Tavares (DGUT)**

PA2. Principles of basic research

**11:00 – 11:30 - Bianca M. R. Calsavara (UNICAMP)**

PA3. Characterization of the uniform exponential stability for a thermo-viscoelastic Timoshenko system with memory

**Chair: Estefani Moreira**

**13:30 – 14:00 - Anderson J. A. Ramos (UFPA)**

PA4. Structural and microthermal effects on the exponential stabilization of Poroelastic systems

**14:00 – 14:30 - Monisse P. Alves (UTFPR)**

PA5. Navier-Stokes Equations on Thin Domains

**14:30 – 15:00 - Heraclio L. L. Lázaro (ICMC-USP)**

PA6. Non-autonomous Dynamical Systems with Applications to Non-cylindrical Problems in PDEs

**Chair: Rodrigo Monteiro**

**16:00 – 16:30 - Gabriel E. B. Moraes (UEL)**

PA7. On the stability of Bresse systems: observability inequality via resolvent equation

**16:30 – 17:00 - Vando Narciso (UEMS)**

PA8. Attractors for the Wave Equation With Critical Growth Nonlinearities

**27/02**

**Chair: Eduardo Tavares**

**08:30 – 09:00 - Pedro R. Lima (UFRRJ)**

PA9. On the stabilization of twisted Bresse systems

**09:00 – 09:30 - Angelo Guimarães (UEG)**

PA10. Existence and multiplicity of solution to fourth-order equations with critical Sobolev growth

**09:30 – 10:00 - Mirelson M. Freitas (UnB)**

PA11. Random Quasi-Stability and Long-Time Dynamics of Stochastic Piezoelectric Systems

with Magnetic and Thermal Effects

**Chair: Anderson Ramos**

**10:30 – 11:00 - Estefani M. Moreira (IME-USP)**

PA12. Existence of an inertial manifold for a nonlocal quasilinear scalar one-dimensional problem

**11:00 – 11:30 - Leonel G. Delatorre (UFMS)**

PA13. Timoshenko-Boltzmann systems with non-smooth memory kernels

**Chair: Mirelson Freitas**

**13:30 – 14:00 - Maykel B. Belluzi (UFSCar)**

PA14. Semilinear Evolution Equations with time-dependent linear operators: existence of pullback attractors and permanence under perturbations

**14:00 – 14:30 - Wellington J. Corrêa (UTFPR)**

PA15. Asymptotic Behavior of Nonlinear Quintic Defocusing KGS with a Localized Damping

**14:30 – 15:00 - Rodrigo N. Monteiro (UEL)**

PA16. Lack of exponential stability for fully dissipative Timoshenko systems

**Chair: Marcio Jorge**

**16:00 – 16:30 - Carlos R. Takaessu Jr. (UFSCar)**

PA17. Extension of the shadowing property to infinite dimensional dynamical systems

**16:30 – 17:00 - Alberto S. Noé (UFAM)**

PA18. Exact analytical solution of the parabolic two-step model for nanoscale heat conduction

## Relação das Apresentações e Sessões dos Pôsteres

**26/02**

**Chair: Pedro Lima**

**15:15 – 15:25 - Beatriz Signori Lonardonì (UEM)**

PO1. On the orbital stability of periodic snoidal-type solutions to the  $\phi^4$ -equation

**15:25 – 15:35 - Leonardo G. Ronchin Alves (UEM)**

PO2. Comparison of long-time dynamics between the Bresse System and the Timoshenko-wave system

**15:35 – 15:45 - Isabela Caroline de Paula (UEL)**

PO3. Aplicação de Equações Diferenciais Parciais no Realce de Imagens de Impressões Digitais

**15:45 – 15:55 - Rafael Gabardo da Camara (UEL)**

PO4. Asymptotic dynamics of an extensible beam model with fractional nonlocal damping

**27/02**

**Chair: Pedro Lima**

**15:15 – 15:25 - Paulo F. Mercadante Damazio (UEM)**

PO5: Attractors for a two-dimensional Lamé system with exponential nonlinearity

**15:25 – 15:35 - Nathalia Alvares (UEL)**

PO6: Comparison of the numerical accuracy of triangular and quadrangular meshes in the finite volume method

**15:35 – 15:45 - Matheus Sadao Susuki (UEL)**

PO7: Control Systems on Lie Groups