	Monday 10/02	Tuesday 11/02	Wednesday 12/02	Thursday 13/02	Friday 14/02
Preliminary Schedule -- Mechanics Session and Plenaries					
	From 08:30 Registration- Info Desk Room AT 441/08 - MAT	From 08:30 Registration- Info Desk Room AT 441/08 - MAT	From 08:30 Registration- Info Desk Room AT 441/08 - MAT	From 08:30 Registration- Info Desk Room AT 441/08 - MAT	From 08:30 Registration- Info Desk Room AT 441/08 - MAT
09:00 -09:30		**H. Borges Filho**	**Paulo. R. C. Ruffino**		
09:30 -10:00	**Welcome- Opening remarks** Auditorium-FT				
10:00 -11:00	**Ernani Ribeiro Jr.**	**Carl Winsløw**	**Silvio Dolfi**	**Hugo Tavares**	**TBA**
11:00 -11:30	**COFFEE- BREAK**				
11:30 -12:30	Gustavo Abade	Bruno Souza Carmo	Elias Alfredo Gudiño Rojas	-	-
12:30 -14:00	**LUNCH**				
14:00 -15:00	Pedro da Silva Peixoto	Grigori Chapiro	Vinicius Carvalho Rispoli	-	-
15:00 -16:00	Roberto Ribeiro Santos Junior	Fabrício Simeoni de Sousa	Camila de Oliveira Vieira	-	-
16:00 -16:30	**COFFEE-BREAK**				
16:30 -17:30	André von Borries Lopes	Braulio Gutierrez Pimenta	-	-	-
17:30 -18:00	-	-	-	-	-
18:00 -18:15					**Closing Ceremony**
18:15 -18:30 20:00h	**Cocktail- Opening Ceremony**		**Social Dinner**		

Preliminary Schedule --- Plenaries
Room: Auditorium Roberto Salmeron-FT

1) Ernani de Sousa Ribeiro Júnior, Universidade Federal do Ceará*,*
An overview on four-manifolds with positive curvature

2) Herivelto Borges Filho, University of São Paulo
The Hasse-Witt invariant of generalized Fermat Curves

3) Carl Winsløw, University of Copenhagen
Lesson Study as a Paradidactic Infrastructure for Development of Mathematics Teacher Knowledge

4) Paulo Regis C. Ruffino, University of Campinas
Bifurcations in Dynamical Systems: from classical towards random

5) Silvio Dolfi, University of Florence
On some graphs of finite groups

6) Hugo Tavares, Universidade de Lisboa
Gradient elliptic systems with cooperative or competitive interactions: existence, asymptotics and qualitative properties

7) TBA

Preliminary Schedule --- Mechanics
Room: AS 421/10 - MAT

Contributed Talks:

1) Bruno Souza Carmo, USP, *Numerical modelling of fluid-structure interaction phenomena: from direct simulation to stability and sensitivity analyses.*

2) Grigori Chapiro, UFJF, *Applied mathematics in Petroleum Engineering.*

3) Elías Alfredo Gudiño Rojas, UFPR, *Influence of non-Newtonian blood flow models on drug deposition in the arterial wall.*

4) Fabricio Simeoni de Sousa, USP, *Multiscale domain decomposition methods for the subsurface flow simulation of oil recovery.*

5) Pedro da Silva Peixoto, USP, *Challenges of mathematical and numerical modelling of the atmosphere dynamics for weather prediction.*

6) Roberto Ribeiro Santos Junior, UFPR, *Trapped Waves and Collisions.*

7) Braulio Gutierrez Pimenta, UnB, *Dispersion Relation Preserving Optimization for High Wavenumber Midpoint Interpolation.*

8) Vinicius Carvalho Rispoli, UnB, *MRI and Navier-Stokes Equations: How do they relate for a better exam?*

9) André von Borries Lopes, UnB, *Steady Flow of a Uniform Rivulet Down a Vertical Wall.*

10) Gustavo Coelho Abade, University of Warsaw, *Turbulent clustering of low-inertia droplets: an important process in the dynamics of clouds.*

11) Camila de Oliveira Vieira, UnB, *Computational Simulation of Fluid Flow Magnetic in Cavities.*

Posters:

1) Gabriel Silva Póvoa & Eduardo Arduini Folster & Felipe Maganha de Lima & André von Borries Lopes, UnB, *Transient Couette Flow Problem: Analytical and Numerical Solutions.*

2) Wildemberg Ribeiro Rocha & André von Borries Lopes, UnB, *Poiseuille Flow in a Duct of Rectangular Cross Section.*

3) Gustavo Carreiro Matias & Rafaela Moreira Borges & André von Borries Lopes & Braulio Gutierrez Pimenta, UnB, *Steady Flow of a Uniform Rivulet Down a Vertical Wall.*

4) Gabriel Nobrega Bufolo & Yuri Dumaresq Sobral, UnB, *Computer simulation of colapsing columns of granular materials using the discrete element method.*