Preliminary Schedule -- Analysis Session and Plenaries					
	Monday 10/02	**Tuesday 11/02**	**Wednesday 12/02**	**Thursday 13/02**	**Friday 14/02**
	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 -12:00			João Marcos do Ó	Claudianor Alves	Olimpio Miyagaki
12:00 -12:30			Éderson Santos	Gabriela Planas	Edcarlos Silva
12:30 -14:00	**LUNCH**				
14:00 -14:30		Augusto Ponce	Everaldo Medeiros	Lucas Ferreira	Maxwell Silva
14:30 -15:00		Jefferson Abrantes	Leszek Gasinski	Juliana Pimentel	José C. Albuquerque
15:00 -15:30		Kaye Oliveira	Alessio Fiscella	Anne Bronzi	José C. Oliveira
15:30 -16:00		Disson Prazeres	João Rodrigues Jr.	Damião Araújo	Mayra Soares
16:00 -16:30	**COFFEE-BREAK**				
16:30 -17:00		João Vitor da Silva	João Pablo Silva	Marcelo Almeida	
17:00 -17:30		Suéllen Arruda	Luiz Fernando Faria	Mikhail Neklyudov	
17:30 -18:00		Marcos Carvalho			
18:00 -18:15					**Closing Ceremony**
18:15 -18:30	**Cocktail- Opening Ceremony**				
20:00h			**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 --- Analysis

Room: Auditório ENM - FT

Contributed Talks:

Alessio Fiscella, UNICAMP*, On (p,N) problems with critical exponential nonlinearities*

Anne Caroline Bronzi, UNICAMP*, Regularity theory for a class of variable-exponent fully nonlinear elliptic equations*

Augusto César Ponce, UCLouvain-Belgium*, Topological singularities of Sobolev maps*

Claudianor Oliveira Alves, UFCG*, A global minimization trick to solve some classes of Berestycki-Lions type problems*

Damião Júnio Gonçalves Araújo, UFPB*, A two-phase free boundary problem ruled by the infinity laplacian*

Disson Soares dos Prazeres, UFS*, Existence and non-existence results of dead cores for fully nonlinear elliptic problems*

Edcarlos Domingos da Silva, UFG*, Fractional elliptic systems with noncoervice potentials*

Ederson Moreira dos Santos, USP*, Unique continuation principles for systems*

Everaldo Souto de Medeiros, UFPB*, On a Hardy type inequality and its applications*

Gabriela Planas, UNICAMP*, On a 3D phase-field model with convection under a magnetic field effect*

Jefferson Abrantes dos Santos, UFCG*, A limiting free boundary problem for a degenerate operator in Orlicz-Sobolev spaces*

Joao Marcos Bezerra do Ó, UFPB*, Stationary Kirchhoff equations involving critical growth and vanishing potential*

João Pablo Pinheiro da Silva, UFPA, *Existence and multiplicity of positive solutions for a fourth-order elliptic equation*

João Rodrigues dos Santos Júnior, UFPA, *Non-local Degenerate Diffusion Coefficients Break Down the Components of Positive Solutions*

João Vitor da Silva, UnB, *A limiting obstacle problem for the inhomogeneous p−fractional Laplacian*

José Carlos de Albuquerque Melo Júnior, UFPE, *On the extreme value of the Nehari manifold method for a class of Schr\" {o}dinger equations with indefinite weight functions*

José Carlos de Oliveira Junior, UnB, *On a class of quasilinear equations involving critical exponent and nonlinearity concave at the origin*

Juliana Fernandes da Silva Pimentel, UFRJ, *Semilinear parabolic equations with asymptotically linear growth*

Kaye Oliveira da Silva, UFG, *On an Abstract Bifurcation Result Concerning Homogeneous Potential Operators with Applications to PDEs*

Leszek Gasinski, Pol. University Krakow-Poland, *Existence, nonexistence and multiplicity of positive solutions for an equation with degenerate nonlocal diffusion*

Lucas Catão de Freitas Ferreira, UNICAMP, *On singular elliptic boundary value problems via a harmonic analysis approach*

Luiz Fernando de Oliveira Faria, UFJF, *Elliptic equations with exponential nonlinearity combined with convection term*

Marcelo Fernandes de Almeida, UFS, *Adams' trace principle on Morrey-type spaces over β-Hausdorff dimensional surfaces*

Marcos Leandro Mendes Carvalho, UFG, *On a splitting of the Nehari manifold via the generalized Rayligh quotients*

Maxwell Lizete da Silva, UFG, *Ground states for a class of critical quasilinear coupled superlinear elliptic systems*

Mayra Soares, PUC-Rio, *An Indefinite Elliptic Problem on R^N Autonomous at Infinity: the Crossing Effect of the Spectrum and the Nonlinearity*

Mikhail Neklyudov, UFAM, *Convex topological algebras via linear vector fields and Cuntz algebras*

Olímpio Hiroshi Miyagaki, UFSCAR, *On a class of Hamiltonian Choquard-type elliptic system*

Suellen Cristina Queiroz Arruda, UFPA, *Existence and multiplicity of positive solutions for a singular system via sub-supersolution method and Mountain Pass*

Posters:

Eduardo Dias Lima, UFG, *The Lebesgue Measure: An Unmeasurable Set*

Juliana Mancini Sanches, UFG, *Existence of ground state solutions for superlinear and subcritical problems by the method of Nehari manifold*

Susane Gontijo de Jesus, UFG, *Existence of solutions for a nonlinear Schr ¨odinger equation coupled with the Maxwell's equations*

Steffanio Moreno de Sousa, UFG, *Multiplicity of positive solutions for a gradient type, cooperative/competitive elliptic system*