



SEMINÁRIO DE EQUAÇÕES DIFERENCIAIS

**Recent Theory and Applications of Systems of Nonlinear
Dispersive Wave Equations I**

JERRY L. BONA

University of Illinois at Chicago (UIC), Chicago, EUA

23 de maio de 2016

16:00 horas

Sala 222 do IMECC

Resumo:

- Coupled systems of dispersive wave equations: well-posedness and stability-instability of solitary waves
- Derivation of model equations and ill-posedness results
- Coupled systems arising in arterial blood flow