

**1st International Research Meeting on
Applied and Computational Complex Analysis (ACCA-BR)**
Recife, PE, Brazil – December 9 – 11, 2015

	Dec 09, 2015 (Wednesday)	Dec 10, 2015 (Thursday)	Dec 11, 2015 (Friday.)
09:00 - 09:30	Registration	Gustavsson	Free Discussions
09:30 - 09:45	Opening		
09:45 - 10:30	Vasiliev	Boatto	
10:30 – 11:00	Coffee break	Coffee break	
11:00 – 11:45	Llewellyn-Smith	Viglioni	
11:45 - 12:30		Barros Jr.	
12:30 - 14:30	Lunch	Lunch	Lunch
14:30 - 15:15	Tanveer	Markina	
15:15 - 16:00	Miranda	Pereira	
16:00 - 16:30	Coffee break	Coffee break	Vasiliev
16:30 - 17:15	Dias	Braz e Silva	(Colloquim at the Phys. Dept.)
17:15 - 18:00	Nelson	Mineev-Weinstein	Closing remarks
18:00 - 19:00	Free discussions	Free discussions	Free discussions

Invited talks:

- **Wilson Barros Jr.** (UFPE, Recife, Brazil): *Challenges on describing gels and biofilms growth and form.*
- **Stefanella Boatto** (UFRJ, Rio de Janeiro, Brazil): *N-body dynamics on closed surfaces. The axioms of mechanics.*
- **Pablo Braz e Silva** (UFPE, Recife, Brazil): *Some results and problems on existence of solutions for the variable density incompressible Navier-Stokes equations.*
- **Eduardo O. Dias** (UFPE, Recife, Brazil): *Controlling viscous fingering instability*
- **Bjorn Gustavsson** (KTH, Stockholm, Sweden): *Laplacian growth on a branched Riemann surface.*
- **Stefan Llewellyn-Smith** (UCSD, San Diego, USA): *Solving matrix Wiener-Hopf problems numerically via Riemann-Hilbert problems*
- **Irina Markina** (Bergen University, Norway): *Non-holonomic geodesic equations on the Virasoro-Bott group.*
- **Mark Mineev-Weinstein** (IIP-UFRN, Natal, Brazil): TBA
- **José A. Miranda** (UFPE, Recife, Brazil): *Fingering patterns in confined magnetic fluids.*
- **Rhodri Nelson** (Kyoto University, Japan): *Linear feedback stabilization of point vortex equilibria near a Kasper wing.*
- **Tiago Pereira** (USP, São Carlos, Brazil): *Conformal deformation of normal ensembles.*
- **Saleh Tanveer** (OSU, Columbus, USA): *Analytical quasi-solution approach to studying finite surface tension effects in viscous fingering.*
- **Alexander Vasiliev** (Bergen University, Norway): *Polynomial lemniscates and their fingerprints: from geometry to topology.*
- **Humberto Viglioni** (UFS, Aracaju, Brazil): *Studies on dynamics of vortices on a flat torus*

Closing talk (Physics Colloquim):

- **Alexander Vasiliev** (Bergen University, Norway): *Evolution of complex shapes and Laplacian growth.*