

## X Workshop in Complexity of Water and Other Liquids

Friday 15 <sup>th</sup> November		Saturday 16 <sup>th</sup> November	
Arrival in Pelotas & Lunch		<b>SESSION III: WATER AND IT'S ANOMALIES</b> Chair: Mateus Khöler	
		9 h	Tássyla Fonseca (UFRGS) "Dewetting in associating lattice gas model confined by hydrophobic walls."
		9 h 30 min	Maurice de Koning (UNICAMP) "Glassy dynamics at pre-melted grain boundaries in ice I <sub>h</sub> ."
		10 h 15 min	Marcia Barbosa (UFRGS) "Alcohol in Water"
		11 h	Coffee Break & Poster Session
		11 h 30 min	Horacio Corti (U. Buenos Aires) "Transport and glass transition of ionic aqueous solutions confined in mesoporous silica and water-in-salt electrolytes"
		12 h 15 min	Eduardo Rizatti (UFRGS) "Waterlike anomalies in ultracold atoms"
13h	Opening	Lunch	
<b>SESSION I: NANOFLUIDICS</b> Chair: José Rafael Bordin			
13h15min	Solange Fagan (UFN) "Nanostrategies for endocrine disruptors removal"		
14h	Mateus Khöler (UFSM) "Water transport in (carbon, oxides, dichalcogenides) nanotubes: what have we learned?"	<b>SESSION IV: BIOLOGICAL SYSTEMS</b> Chair: Marcia Barbosa	
		14h	Francesco Piazza (Univ. Orleans) "Non-equilibrium effects in life sciences and nano-biotechnology"

14h 30min	João Abal (UFRGS) "A molecular dynamics analysis of water desalination with a MoS <sub>2</sub> nanoporous membrane."	14h 45min	Ezequiel Barrera (IP Mudeo) "A coarse graining approach to Gliadin p31-43 peptide aggregation"
15h	Bruno Mendonça (UFRGS) "Confined water dynamics in carbon nanotubes with different degrees of deformation"	15h 15 min	João Scaini (FURG) "All-atom Molecular Dynamics model for mycobacterial plasma membrane"
15h 30min	Coffee Break & Poster Session	15h 45min	Thiago Puccinelli (UFPEL) "Competition effects in dynamics and structure of tracer's confined in polymer solutions"
<b>SESSION II: EXPERIMENTAL STUDIES</b> Chair: Solange Fagan		16h 15 min	José Rafael Bordin (UFPEL) "Adhesion modulates cell morphology and migration in dense fibrous networks"
16h	Thiago Burgo (UFSM) "Electrical properties of water at hydrophobic interfaces: the central role of OH <sup>-</sup> ions in materials electrization"	Coffee Break & Poster Session & Final Discussions	
16h 30min	Carolina Matos (UNIPAMPA) "Hierarchical structures of reduced graphene oxide for water purification"		
17h	Cilaine Veronica Teixeira (UFRGS) "Structural changes in the industrially used block copolymer Diol near the cloud point"	17h 30 min	Happy Hour by adhesion (and opportunity to eat Pelotas sweets)
17h 30min	Fábio Riemke (UFPEL) "Remediation of textile wastewater employing semiconductive nanoparticles"		
18h	Discussion		
19h	Leave to Hotel	19h	Leave to Porto Alegre
20h	Churrasco!		