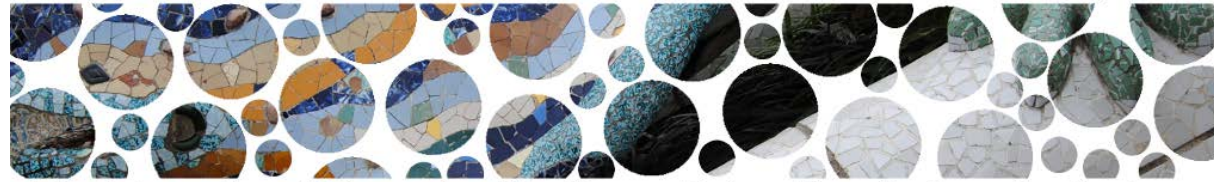


Barcelona 21-26 July 2013



7th International Discussion Meeting on Relaxations in Complex Systems

Last Minute changes to the printed program.

Changes 24-Jul

<i>Session LO - Local Order in Liquids and Glasses (sponsored by Institut Laue-Langevin)</i>	
Announced:	Replaced by:
<p><i>Chair: <u>L. Pusztai</u></i></p> <p>Friday 17:30 Room B LO-17. Intra- and inter-molecular dynamics in glass-forming Liquids <u>Wilhelm Kossack</u>; Papadopoulos, Periklis; Kremer, Friedrich</p> <p>Friday 18:00 Room B LO-18. Critical casimir forces in films with random surface fields <u>Anna Maciolek</u>; Vasilyev, Oleg; Dotsenko, Victor; Dietrich, Siegfried</p>	<p><i>Chair: <u>L. Pusztai</u></i></p> <p>Friday 17:30 Room B C-CS23. Structure in Liquids out of Equilibrium <u>Paddy Royall</u> (talk will be presented by Andrew Dunleavy due to Dr. Royall's accident)</p> <p>Friday 18:00 Room B LO-17. Intra- and inter-molecular dynamics in glass-forming Liquids <u>Wilhelm Kossack</u>; Papadopoulos, Periklis; Kremer, Friedrich</p>
Announced:	Replaced by:
<p>Friday 10:35-11:00 Room F DIL-6. Anomalous Temperature Dependence of Isobaric Heat Capacity of Water below 0 °C and Freezing Transitions at Lower Temperatures <u>Biman Bagchi</u>; Shinji Saito; Iwao Ohmine</p> <p>Friday 11:00-11:20 Room F DIL-7. Salty ice under high pressure: polyamorphism and crystallization <u>Alexandre Adriaan, Ludl</u>, Livia Eleonora, Bove; Stefan, Klotz; Antonino Marco, Saitta</p>	<p>Friday 10:35-11:05 Room F DIL-6. Anomalous Temperature Dependence of Isobaric Heat Capacity of Water below 0 °C and Freezing Transitions at Lower Temperatures <u>Biman Bagchi</u>; Shinji Saito; Iwao Ohmine</p> <p>Friday 11:05-11:20 Room F DIL-7. Salty ice under high pressure: polyamorphism and crystallization <u>Alexandre Adriaan, Ludl</u>, Livia Eleonora, Bove; Stefan, Klotz; Antonino Marco, Saitta</p>

Changes 23-Jul

<p><i>Session PC-Biosy - <u>Physics and Chemistry of Biosystems</u> (Sponsored by Air Liquide)</i> <i>Chair: Dimitrios Morikis</i></p>	
Announced	Replaced by
<p>Wednesday 11:00 Room E <i>PC-Biosy-5. Fluctuation theorems applied to extract binding free energies of peptides and proteins to nucleic acids</i> <u>Felix Ritort</u></p> <p>Wednesday 11:30 Room E <i>PC-Biosy-6. DNA replication and the car-parking model</i> <u>Alessandro Moura</u>; Karschau, Jens ; Blow, Julian</p> <p><i>(20 minutes for each of the next three talks)</i></p> <p>Wednesday 12:00 - 12:20 Room E <i>PC-Biosy-7. Low frequency chain dynamics of synthetic fragments inspired from human tropoelastin</i> Valérie Samouillan; Delaunay, Florian; Dandurand, Jany; <u>Lacabanne, Colette</u>; Bochicchio, Brigida²; Pepe, Antonietta</p> <p>Wednesday 12:20 - 12:40 Room E <i>PC-Biosy-8. Calcium-mediated PIP2 domains in lipid layers: formation kinetics and cluster rigidity</i> <u>Wouter Ellenbroek</u>; Liu, Andrea</p> <p>Wednesday 12:40 - 13:00 Room E <i>PC-Biosy-9. Peptide Nanotubes, Helical Ribbons and Twisted Sheets: Structures and Dynamics</i> <u>Ian Hamley</u>; Castelletto, Valeria</p>	<p>Wednesday 11:00 Room E <i>PC-Biosy-5. Fluctuation theorems applied to extract binding free energies of peptides and proteins to nucleic acids</i> <u>Felix Ritort</u></p> <p>Wednesday 11:30 Room E <i>PC-Biosy-7. Low frequency chain dynamics of synthetic fragments inspired from human tropoelastin</i> Valérie Samouillan; Delaunay, Florian; Dandurand, Jany; <u>Lacabanne, Colette</u>; Bochicchio, Brigida²; Pepe, Antonietta</p> <p>Wednesday 12:00 - 12:30 Room E <i>PC-Biosy-8. Calcium-mediated PIP2 domains in lipid layers: formation kinetics and cluster rigidity</i> <u>Wouter Ellenbroek</u>; Liu, Andrea</p> <p>Wednesday 12:30 - 13:00 Room E <i>PC-Biosy-9. Peptide Nanotubes, Helical Ribbons and Twisted Sheets: Structures and Dynamics</i> <u>Ian Hamley</u>; Castelletto, Valeria</p> <p><i>Comment: Talk Pc-Biosy-6 is cancelled. Rest of the talks were rescheduled.</i></p>
<p>Friday 11:50-12:15 Room C</p>	
Announced	Replaced by
<p><i>OE-23. Playing with stability: co-existence of mixed glassy states obtained by annealing above Tg</i></p>	<p><i>OE-31. Extended mode-coupling theory with conserved volume fields</i> <u>Jean Farago</u>; Semenov, Alexander; Frey, Stephan</p>

<p>Marta Gonzalez Silveira; Rodríguez Tinoco, Cristian; Sepúlveda, Alfonso; León Gutiérrez, Edgar; Clavaguera-Mora, M.Teresa; Rodríguez Viejo, Javier</p>	
<p>Friday 16:10-16:35 Room C</p>	
<p>OE-31. Extended mode-coupling theory with conserved volume fields <u>Jean Farago</u>; Semenov, Alexander; Frey, Stephan</p>	<p>OE-23. Playing with stability: co-existence of mixed glassy states obtained by annealing above T_g Marta Gonzalez Silveira; Rodríguez Tinoco, Cristian; Sepúlveda, Alfonso; León Gutiérrez, Edgar; Clavaguera-Mora, M.Teresa; Rodríguez Viejo, Javier</p>
<p>Session MA - Monohydroxy alcohols and related liquids : a celebration of the "Centennial of the Debye model" Chair: <u>T. Loerting</u></p>	
<p>Announced</p>	<p>Replaced by</p>
<p>Friday 11:00-11:25 Room F MA-6. The effects of hydrogen bonding on the dynamics of supercooled glass-forming liquids Johan Mattsson</p> <p>Friday 11:25-11:50 Room F MA-7. Dynamics of supramolecular networks in hydrogen-bonded liquids <u>Catalin, Gainaru</u>; Roland, Böhmer</p> <p>Friday 11:50-12:15 Room F MA-8. Debye peak in molecular glass-forming liquids: Insights from molecular dynamics simulations <u>Frederic Affouard</u>; Correia, Natalia; OTOU ABE, Martin Thierry; Valdes, Laurent-Charles</p> <p>Friday 12:15-12:40 Room F MA-9. Mesoscopic order and molecular dynamics of bulk and nanoconfined H-bonded binary mixtures <u>Denis Morineau</u>; Abdel Hamid, Abdel Razzak; Alba-Simionesco, Christian; Frick, Bernhard; Ghoufi, Aziz³; Lefort, Ronan; Mhanna, Ramona³; Moréac, Alain</p> <p>Friday 12:40-13:05 Room F MA-10. Fluctuation Dynamics of Hydrogen Bonded Structures in</p>	<p>Friday 11:25-11:50 Room F MA-6. The effects of hydrogen bonding on the dynamics of supercooled glass-forming liquids Johan Mattsson</p> <p>Friday 11:50-12:15 Room F MA-7. Dynamics of supramolecular networks in hydrogen-bonded liquids <u>Catalin, Gainaru</u>; Roland, Böhmer</p> <p>Friday 12:15-12:40 Room F MA-8. Debye peak in molecular glass-forming liquids: Insights from molecular dynamics simulations <u>Frederic Affouard</u>; Correia, Natalia; OTOU ABE, Martin Thierry; Valdes, Laurent-Charles</p> <p>Friday 12:40-13:05 Room F MA-9. Mesoscopic order and molecular dynamics of bulk and nanoconfined H-bonded binary mixtures <u>Denis Morineau</u>; Abdel Hamid, Abdel Razzak; Alba-Simionesco, Christian; Frick, Bernhard; Ghoufi, Aziz³; Lefort, Ronan; Mhanna, Ramona³; Moréac, Alain</p> <p>Friday 13:05-13:30 Room F MA-10. Fluctuation Dynamics of Hydrogen Bonded Structures in</p>

Alcohols <u>Ranko Richert</u> ; Singh, Lokendra P.; Alba-Simionesco, Christiane	Alcohols <u>Ranko Richert</u> ; Singh, Lokendra P.; Alba-Simionesco, Christiane <i>Comment: Session delayed 25 min.</i>
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Changes 21-Jul

Monday 19:00 Room C BP13. Vibrational dynamics in glasses probed by broadband photo-acoustics <u>Tulio Scopigno</u>	<i>Comment: Title updated</i>
Monday 12:00 Room D Announced	Replaced by
DBS7. Anomalous water diffusion in malignant glioma tumor tissue <u>Francesca Natali</u> , Peters, Judith; Leduc, Geraldine	DBS18. Insights on the collective dynamics of phospholipid membranes: a molecular dynamics simulations and Brillouin neutron spectroscopy study Valeria Conti Nibali, Paciaroni, Alessandro; Tarek, Mounir; Wanderlingh, Ulderico; <u>D'Angelo, Giovanna</u>
Monday 15:00 Room D Announced	Replaced by
DBS10. Relaxations in hydrated powders of strategically selected homomeric polypeptides <u>Antonio Cupane</u>	DBS13. Combining structure and dynamics: high pressure effect on the protein solution <u>Daniela Russo</u> , Paciaroni, Alessandro; Filabozzi, Alessandra; Ortore, Maria Grazia; Spinozzi, Francesco
Announced	Replaced by
Monday 17:00 Room D Francesco Monday 17:30 Room D DBS14. Similarities and differences of molecular motions in liquids and membranes <u>Tobias Unruh</u> , Morhenn, Humphrey; Busch, Sebastian Monday 18:00 Room D DBS15. Solvent fluctuations in hydrophobic cavity-ligand binding kinetics	Monday 17:00 Room D DBS14. Similarities and differences of molecular motions in liquids and membranes <u>Tobias Unruh</u> , Morhenn, Humphrey; Busch, Sebastian Monday 17:30 Room D DBS15. Solvent fluctuations in hydrophobic cavity-ligand binding kinetics <u>Joachim Dzubiella</u> , Setny, Piotr; Baron, Riccardo; Kekenes-Huskey, P.; McCammon, J. A.

<p><u>Joachim Dzubiella</u>, Setny, Piotr; Baron, Riccardo; Kekenus-Huskey, P.; McCammon, J. A.</p> <p>Monday 18:30 Room D DBS16. Internal protein dynamics ζ a study on fully deuterated cyano phycocyanin by 2H NMR experiments and random-walk simulations Kerstin Kämpf, Kremmling, Beke; Vogel, Michael</p> <p>Monday 19:00 Room D DBS17. Temperature and hydration dependence of low- and high-frequency spectra of Lysine and Proline revealed by dielectric spectroscopy <u>Silvina Cerveny</u></p> <p>Monday 19:30 Room D DBS18. Insights on the collective dynamics of phospholipid membranes: a molecular dynamics simulations and Brillouin neutron spectroscopy study <u>Valeria Conti Nibali</u>, Paciaroni, Alessandro; Tarek, Mounir; Wanderlingh, Ulderico; D'Angelo, Giovanna</p>	<p>Monday 18:00 Room D DBS16. Internal protein dynamics ζ a study on fully deuterated cyano phycocyanin by 2H NMR experiments and random-walk simulations Kerstin Kämpf, Kremmling, Beke; Vogel, Michael</p> <p>Monday 18:30 Room D DBS17. Temperature and hydration dependence of low- and high-frequency spectra of Lysine and Proline revealed by dielectric spectroscopy <u>Silvina Cerveny</u></p> <p>Comment: Schedule modified and DBS18 moved to Monday 15:00 Room D</p>
<p>Tuesday 11:30 Room B</p>	
<p>DV7. A simplified approach to study protein dynamics with Neutron Spin Echo <u>B. Farago</u></p>	<p><i><u>Comment: Title updated</u></i></p>
<p>Wednesday 10:30-10:55 Room A</p>	
<p>C-CS37. Force-Induced Melting of Glasses <u>Thomas Voigtmann</u>; Fuchs, Matthias; Harrer, Christian; Siebenbürger, Miriam; Ballauff, Matthias</p>	<p><i><u>Comment: Previously scheduled as TC-10, Friday 17:25-17:50 Room D</u></i></p>

<p>Announced</p> <p>Wednesday 11:30 Room E PC-Biosy-6. DNA replication and the car-parking model <u>Alessandro Moura</u>; Karschau, Jens ; Blow, Julian</p> <p><i>(20 minutes for each of the next three talks)</i></p> <p>Wednesday 12:00 - 12:20 Room E PC-Biosy-7. Low frequency chain dynamics of synthetic fragments inspired from human tropoelastin Valérie Samouillan; Delaunay, Florian; Dandurand, Jany; <u>Lacabanne, Colette</u>; Bochicchio, Brigida²; Pepe, Antonietta</p> <p>Wednesday 12:20 - 12:40 Room E PC-Biosy-8. Calcium-mediated PIP2 domains in lipid layers: formation kinetics and cluster rigidity <u>Wouter Ellenbroek</u>; Liu, Andrea</p> <p>Wednesday 12:40 - 13:00 Room E PC-Biosy-9. Peptide Nanotubes, Helical Ribbons and Twisted Sheets: Structures and Dynamics <u>Ian Hamley</u>; Castelletto, Valeria</p>	<p>Replaced by</p> <p>Wednesday 11:30 Room E PC-Biosy-7. Low frequency chain dynamics of synthetic fragments inspired from human tropoelastin Valérie Samouillan; Delaunay, Florian; Dandurand, Jany; <u>Lacabanne, Colette</u>; Bochicchio, Brigida²; Pepe, Antonietta</p> <p>Wednesday 12:00 - 12:30 Room E PC-Biosy-8. Calcium-mediated PIP2 domains in lipid layers: formation kinetics and cluster rigidity <u>Wouter Ellenbroek</u>; Liu, Andrea</p> <p>Wednesday 12:30 - 13:00 Room E PC-Biosy-9. Peptide Nanotubes, Helical Ribbons and Twisted Sheets: Structures and Dynamics <u>Ian Hamley</u>; Castelletto, Valeria</p> <p><i>Comment: Talk Pc-Biosy-6 cancelled. Schedule modified</i></p>
<p>Wednesday 19:30-20:00 Room A</p> <p>PTF14. Super critical CO2 induced hyper-swelling and relaxation in confined ultra thin PS films <u>Yves Grohens</u>; G. Vignaud; Alain, Gibaud; Mohamed, Souheid Chebil; Thomas, Beuvier</p>	<p>TALK CANCELLED</p>
<p>Wednesday 9:00 Room B</p>	
<p>Announced</p> <p>DBS20. EINS on Hydrated Proteins <u>Salvatore Magazù</u></p>	<p>Replaced by</p> <p>DBS23. Stability of Freeze Dried Proteins: Use of High Precision Data to Estimate Free Volume and Predict Stability <u>Michael J. Pikal</u></p>

Announced	Replaced by
Tuesday Wednesday 12:00 Room C	Wednesday 12:00 Room C
MG-3. Relaxation processes in metallic glasses studied by mechanical spectroscopy <u>Daniel Crespo</u> ; Liu, Chaoren; Bruna, Pere; Pineda, Eloi	<i>Comment: missprint</i>
Wednesday 12:30 Room C	
MG-13. Critical Temperature for Ductile-to-Brittle Transition for Metallic Glasses Jan Schroers; Golden Kumar; Pascal Neibecker; Yanhul Liu; Kai Zhang; Corey O'Hern ; Mark Shattuck	<i>Comment: New talk</i>
Wednesday, July 24, 2013 Room F	
<i>Announced:</i>	<i>Replaced by:</i>
<i>Session II - Ionic Liquids (sponsored by MatGas)</i> <i>Chair : A. Matic</i>	<i>Session II - <u>Ionic Liquids (sponsored by MatGas)</u></i> <i>Chair : H. Shirota</i>
Thursday 16:30-17:00 Room C	
SR-18. LOW ENERGY VIBRATIONAL DYNAMICS OF CESIUM BORATE GLASSES <u>Crupi, Cristina</u> ; D'Angelo, Giovanna; Vasi, Cirino	<i>Talk cancelled</i>
Thursday 18:25-18:40 Room E	
<i>Announced:</i>	<i>Replaced by:</i>
I-IN19. Critical point shift under nanoparticle doping <u>Victor Mazur</u> ; Sergey, Artemenko; Denis, Kuleshov	I-IN19. Nanoionic excitation and relaxation - Fundamentals of redox-based resistive switching <u>Rainer Waser</u> , Valov, Ilia; Dittmann, Regina; Menzel, Stephan; Linn, Eike
Thursday 14:30-15:00 Room F	
<i>Announced:</i>	<i>Replaced by :</i>
N-HF1. Orientational Order in Liquids and Glasses <u>Gerhard GRUEBEL</u>	N-HF1. Impulsively Excited Pseudosurface Acoustic Waves in Hypersonic Phononic Crystals Nardi, Damiano; Travagliati, Marco; Siemens, Mark E.; Murnane, Margaret M.; Kapteyn, Henry C.; Ferrini, Gabriele; <u>Francesco Banfi</u>

Friday 17:00-19:20 Room C	
Announced:	Replaced by
<u>Session OE - Aging, fluctuations, non-linear response, dynamic heterogeneities in Out of Equilibrium Systems</u> (Sponsored by Novocontrol) Chair: <i>Andrea Crisanti</i>	<u>Session OE - Aging, fluctuations, non-linear response, dynamic heterogeneities in Out of Equilibrium Systems</u> (Sponsored by Novocontrol) Chair: <i>Sergio Ciliberto</i>
Announced:	Replaced by:
<p>Friday 17:25-17:50 Room D TC-10. Force-Induced Melting of Glasses <u>Thomas Voigtmann</u>; Fuchs, Matthias; Harrer, Christian; Siebenbürger, Miriam; Ballauff, Matthias</p> <p>Friday 17:50-18:15 Room D TC-11. Pressure-Driven Flow of a Model Viscoelastic Fluid <u>Simon Papenkort</u>; Voigtmann, Thomas</p> <p><i>(20 minutes for the last talk)</i></p> <p>Friday 18:15-18:40 Room D TC-12. Surprising huge noble gas solubilities in vitreous silica at high pressure <u>Benoit Rufflé</u>; Weigel, Coralie; Polian, Alain; Kint, Mathieu; Foret, Marie; Vacher, René</p>	<p>Friday 17:25-17:50 Room D TC-11. Pressure-Driven Flow of a Model Viscoelastic Fluid <u>Simon Papenkort</u>; Voigtmann, Thomas</p> <p>Friday 17:50-18:15 Room D TC-12. Surprising huge noble gas solubilities in vitreous silica at high pressure <u>Benoit Rufflé</u>; Weigel, Coralie; Polian, Alain; Kint, Mathieu; Foret, Marie; Vacher, René</p> <p><i>Comment: TC-10 moved to Wednesday 10:30-10:55 Room A as C-CS37. Talks TC-11 and TC-12 rescheduled.</i></p>

Late Posters

Ap-Biop-106. Diffusion of Organic Glasses
Brian, Caleb; Yu, Lian

Ap-Biop-107. Nano-confinement tuning of biomolecules for bio-medical applications
Russo, Daniela; Aoun, Bachir; Gonzales, Miguel; Pchelovska, Svitlana

Ap-Biop-108. Water-type polyamorphism exhibited by SnI₄
Kazuhiro Fuchizaki (*previously scheduled as W-HB-101*)

BP-102. The EPR study of vibrational density of states in glassy and crystalline ethanol
Rakvin, B.; Merunka, D; Jokic, M; Kveder, M.
(*previously scheduled as P-BP-111*)

C-CS-118. Paramagnetic Micro-ellipsoids: from Catalytic Motors to Janus Composite
Tierno, Pietro; Güell, Oriol; Sagués, Francesc; Albalat, Rosa

C-CS-119. Imaging Precursor-Mediated Crystallization in Soft-Repulsive Colloidal Systems
TAN, Peng; Xu, Ning; Xu, Lei

DBS-116. Effect of pore forming peptide on lipid bilayer thickness fluctuations
Nagao, Michihiro

DS-W-109. Find the differences - Five years of water studies on the neutron spectrometer SPHERES
Wuttke, Joachim

DS-W-110. Water in hydrophobic nanoconfinement at low temperature: Crystal Polymorphism vs. Liquid-Liquid phase transition
Vilanova, O.; Franzese, G.

DS-W-111. Statistical Physics of Water in Hydrophobic Nano-Confinement and at Proteins Interfaces
Bianco, V.

GJ-104. Granular Microrheology for Large Forces
Wang, Ting; Sperl, Matthias

IL-111. Glass Transition Dynamics of Room-Temperature Ionic Liquid 1-Methyl-3-trimethylsilylmethylimidazolium Tetrafluoroborate

Jarosz, Georgina; Mierzwa, Micha; Ziolo, Jerzy; Paluch, Marian; Shirota, Hideaki; Ngai, K. L.

LO-104. On the short range order in the plastic phase of C₂Cl₆

Henao, Andres

MA-107. The microscopic structure behind the hydrogen bond in butanol

Gonzalez, Miguel Angel; Silva Santisteban, Alvaro; Cuello, Gabriel; Cristiglio, Viviana; Cabrillo, Carlos; Ramos, Miguel Angel; Shmyt'ko, Ivan; Tamarit, Josep Lluís; Pardo, Luis Carlos

PDV-114. Non-steady relaxation and critical exponents at the depinning transition

Ferrero, Ezequiel E.; Bustingorry, Sebastián; Kolton, Alejandro B.

PTF-129. Slow nanoparticles in nano-thick solvents

Pontoni, Diego; Calzolari, Davide C.E.; Ruta, Beatrice; Madsen, Anders

SR-103. Dielectric Spectroscopy studies of Lithium Ferrite

Soreto Teixeira, S.; Graça, M. P. F.; Costa, L. C.

UG-101. Low temperature heat capacity of ultrastable glasses of Indomethacin: Analysis of the Boson peak and two-level systems

Pérez-Castañeda, Tomás; Ramos, Miguel Ángel; Rodríguez-Tinoco, Cristian; Fernández Lopeandía, Aitor; Rodríguez-Viejo, Javier

W-HB-115. Molecular Characterization of the Effects of the Nanoparticle Interface on the Hydration Water

Bernabei, Marco; Martin, Paul; Franzese, Giancarlo; Valsami-Jones, Eugenia

Last updated: July 20th.