

Monday, September 21st



Universidad de Chile
Facultad de Ciencias Químicas y Farmacéuticas
Auditorium Mario Caiozzi

- 9:15 am INTRO
- 9:30 am **Dr. Christian A.M. Wilson** (UChile, Chile)
"Mechanical and functional studies of biomolecules at single molecule level"
- 9:50 am **Dr. Gernot Längst** (UR, Germany)
"TNF α mediated changes in chromatin structure during gene activation"
- 10:10 am **Dr. Marcelo Kogan** (UChile, Chile)
"Metal nanoparticles for theranostics of chronic diseases "
- 10:30 am **Dr. Burkhard König** (UR, Germany)
"Chemical Photocatalysis: Organic Synthesis using visible Light"
- 10:50 am **Dr. Oliver Reiser** (UR, Germany)
"Turning Hey into Gold: Catalytic Conversion of Furans into Fine Chemicals, Natural Products and Drugs"
- 11:10 am COFFEE BREAK
- 11:30 am **Dr. Chiara Cabrele** (Univ. Salzburg, Austria)
"ID Proteins: Research at the Interface of Chemistry and Biology"
- 11:50 am **Dr. Javier Morales M.** (UChile, Chile)
"Nanostructured Systems and their Applications in Drug Delivery"
- 12:10 pm **Dr. David Díaz Díaz** (UR, Germany)
"Hard, Soft and in Between (KISSu principle in Materials Synthesis)"
- 12:30 pm **Dr. Fernando Valenzuela** (UChile, Chile)
"Use of nano and micro adsorbents in Hydrometallurgy and mining wastewaters treatment"
- 12:50 pm LUNCH
- 2:30 pm **Dra. Olga García Mancheño** (UR, Germany)
"C-H Bonds: Emerging Gears for Synthesis and Catalysis"

- 2:50 pm **Dr. Pedro Aguirre** (UChile, Chile)
"Carbonylation and hydrogenation reactions in homogeneous catalysis using Palladium and Ruthenium compounds containing phosphorus-nitrogen ligands"
- 3:10 pm **Dr. Dominik Horinek** (UR, Germany)
"Computer Simulations in Chemistry – from molecules to micelles and membranes"
- 3:30 pm **Dra. Evgenia Spodine** (UChile, Chile)
"Functional Inorganic Materials. Magnetic and Catalytic Properties"
- 3:50 pm **Dr. Arno Pfitzner** (UR, Germany)
"Networking – Solid State Compounds and Possible Applications"
- 4:10 pm COFFEE BREAK
- 4:30 pm **Dr. Julio de la Fuente** (UChile, Chile)
"Photoreduction of Nitrogen containing heterocyclic"
- 4:50 pm **Dr. Claudio Saitz** (UChile, Chile)
"Design and Synthesis of Novel Calix[4]arenes Bearing Heterocycles for Ion Recognition"
- 5:10 pm **Dr. Mehrdad Yazdani** (UChile, Chile)
"Natura Rubber Thermally Reduced Graphite Oxide Nanocomposites"
- 5:30 pm **Dr. Dominik Horinek** (UR, Germany)
"The ChemPharm Graduate School at UR"
- 6:30 pm CLOSURE

- 10:00 am **Dr. Denis Fuentealba** (PUC, Chile)
"Biosupramolecular Assemblies: improving drug photoactivity"
- 10:30 am **Dra. Chiara Cabrele** (Univ. Salzburg, Austria)
"ID Proteins: Research at the Interface of Chemistry and Biology"
- 11:00 am COFFEE BREAK
- 11:30 am **Dr. David Díaz Díaz** (UR, Germany)
"Hard, Soft and in Between (KISSu principle in Materials Synthesis)"
- 12:00 am **Dra. Angélica Fierro & Dr. Edwin Pérez** (PUC, Chile)
"Organic Chemistry at Pontificia Universidad Católica de Chile"
- 12:30 pm **Dr. Dominik Horinek** (UR, Germany)
"Computer Simulations in Chemistry – from molecules to micelles and membranes"
- 1:00 pm LUNCH
- 3:00 pm **Dr. Arno Pfitzner** (UR, Germany)
"Networking – Solid State Compounds and Possible Applications"
- 3:30 pm **Dr. Pablo González** (PUC, Chile)
"Role of hydroxyl groups stereochemistry on biological properties of bile acid derivatives: configurational or conformational dependence?"
- 4:00 pm **Dr. Oliver Reiser** (UR, Germany)
"Turning Hey into Gold: Catalytic Conversion of Furans into Fine Chemicals, Natural Products and Drugs"

- 4:30 pm COFFEE BREAK
- 5:00 pm **Dr. Mauricio Isaacs** (PUC, Chile)
"Transformation of CO₂ based on sustainable materials and ionic liquids"
- 5:30 pm **Dra. Olga García Mancheño** (UR, Germany)
"C-H Bonds: Emerging Gears for Synthesis and Catalysis"
- 6:00 pm **Dr. Dominik Horinek** (UR, Germany)
"The ChemPharm Graduate School at UR"
- 6:30 pm CLOSURE

Tuesday, September 22nd

Pontificia Universidad Católica de Chile
Facultad de Química
Auditorium San Agustín (Fac. de Ingeniería)



- 9:15 am INTRO
- Dra. Barbara Loeb & Dr. Alejandro Toro-Labbé** (PUC, Chile)
- 9:30 am **Dr. Burkhard König** (UR, Germany)
"Chemical Photocatalysis: Organic Synthesis using visible Light"

The **international PhD program at the University of Regensburg (iPUR)** aims to establish a structured and international post-graduate training at the **Faculty of Biology and Pre-clinical Medicine** and at the **Faculty of Chemistry and Pharmacy** of the University of Regensburg (UR).

The essential goal of the **iPUR** project is to stimulate and foster research stays of foreign PhD students at the participating faculties at the UR and of PhD students from the UR abroad. By means of customized information and recruitment we intend to rise the percentage of excellent foreign students who successfully accomplish their PhD at the University of Regensburg.



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Further information and latest news on the program can be found here:

www.ipur-regensburg.de



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1ST iPUR SYMPOSIUM

SANTIAGO DE CHILE



SEPTEMBER 21ST

**UNIVERSIDAD DE CHILE
FACULTAD DE CIENCIAS QUÍMICAS Y FARMACÉUTICAS**

SEPTEMBER 22ND

**PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE
FACULTAD DE QUÍMICA**