

## PROGRAMMING

<b>Sunday, 02/06</b>	<p><b>15h</b> – 17h30 Registration  <b>18h</b> – Welcome cocktail</p>
<b>Monday, 03/06</b>	<p><b>8h30 - 9h</b> - OPENING CEREMONY - <b>Chairperson: Fabrice Leroux</b>  <b>9h - 10h</b> PL1 - George Shimizu (University of Calgary, Calgary, Canada) - Taking Metal Organic Frameworks from Basic Science to Practical CO<sub>2</sub> Sorbents  <b>10h - 10h30</b> - Guilherme P. de Campos, Elise Albuquerque, Marco Fraga, Heloise O. Pastore (Instituto de Química, UNICAMP, Brazil) Intercalated Catalysis: the hydrolysis of disaccharides in H-[Al]-magadiite  <b>10h30 - 11h</b> - Caroline Silva, Regina Frem (Instituto de Química - UNESP, Brazil) - Synthesis, Structure and Luminescence Studies of 2D Europium Metal-Organic Frameworks            Coffee break 01  <b>11h15 - 11h45</b> - Sebastien Cahen (Université de Lorraine, France) - Divalent Metal-Based Superconducting GIC Prepared by a Solid-Liquid Reaction in Molten Salts  <b>11h45 - 12h15</b> - Invited oral speaker: Camila M. Maronese (Universidade Presbiteriana Mackenzie, MackGraphe, Brazil) – Designing Hybrid Materials with Two-Dimensional Nanostructures for Energy Applications  <b>Chairperson: Chiara Bisio</b>  <b>14h15 - 15h15</b> PL2 - Morena Nocchetti (Università degli Studi di Perugia, Perugia, Italy) - Advances of Zirconium Phosphate and Phosphonate Chemistry for new Applications  <b>15h15 - 15h45</b> - Monica Pica (University of Perugia, Italy) - Organically modified alpha-type zirconium phosphate by reaction with mono- and di-alkylepoxides  <b>15h45 - 16h15</b> - Vítězslav Zima, Klara Melanova, Katerina Kopecka, Ludvik Benes, Petr Knotek (Institute Macromolecular Chemistry As CR, Czech Republic) - Exfoliation of Layered Metal Organophosphonates  <b>16h15 - 17h15</b> - Coffee break 02 and Poster Session</p>
<b>Tuesday, 04/06</b>	<p><b>Chairperson: Heloise Pastore</b>  <b>9h - 10h</b> PL3 - Chiara Bisio (Università del Piemonte Orientale, Alessandria, Italy) - The versatile world of clays: from early studies to innovative applications  <b>10h - 10h30</b> - Jocelyne Brendlé (Institut de Science des Matériaux de Mulhouse, France) - Study of the surface properties of clays and intercalated clays by inverse gas chromatography  <b>10h30 - 11h</b> - Invited oral speaker: Karim Sapag (Universidad Nacional de San Luis, Argentina) - Examples of Energetic and Environmental applications of Pillared Clays            Coffee break 03  <b>11h15 - 11h45</b> - Jingfang Yu, Kanittika Ruengkajorn, Dermot O'Hare, Jean-Charles Buffet, Dana-Georgiana Crivoi, Chunping Chen (University of Oxford, United Kingdom) - High oxygen barrier coating using non-toxic nanosheet dispersions for flexible food packaging film  <b>11h45-12h15</b> - Invited oral speaker: Francisco R. Valenzuela Diaz (Escola Politécnica – USP, Brazil) – Organophilic clays: preparation and uses  <b>Chairperson: Jocelyne Brendlé</b>  <b>14h15 - 15h15</b> PL4 - Bernd Marler (Ruhr University Bochum, Bochum, Germany) - Hydrous Layered Silicates  <b>15h15 - 15h45</b> - Gabriel B. Báfero, Erica C. de O. Munsignatti, Heloise O. Pastore (Instituto de Química, UNICAMP, Brazil) - Obtaining Al-3D-solids from the layered silicate Na-RUB-18: pillarization and hydrothermal transformation  <b>15h45 - 16h15</b> - Bruna N. Silva, Heloise O. Pastore, Alexandre Leitão, Viviane Vaiss (Universidade Federal de Juiz de Fora, Brazil) - Investigation of structural models of Magadiite-type layered compounds by ab initio DFT calculations.  <b>16h15 - 17h15</b> - Coffee break 04 and Poster Session  <b>17h30</b> - ISIC Board Meeting</p>
<b>Wednesday, 05/06</b>	<p><b>9h00 - 10h00</b> - Special session in honour of Prof. João Barros Valim  <b>Chairperson: Morena Nocchetti</b>  <b>10h00 - 10h30</b> - Invited oral speaker: Fabrice Leroux (Université Clermont-Auvergne, France) - Milestones of LDHs in benchmarking (bio-based) Polymer Performances  <b>10h30 - 11h</b> - Lister P. Bianconi, Marcos Bizeto, Vera R. L. Constantino, Christine Taviot-Gueho (Universidade Federal de São Paulo, UNIFESP, Brazil) - Preparation of Heterostructures formed by Layered Double Hydroxides Coated with Mesoporous silica            Coffee break 05  <b>11h15 - 11h45</b> - Vanessa R. R. Cunha, Rodrigo de Souza, Marta N. Nakamae, Ye R. Kang, Fabrice Leroux, Ana Maria C. R. P. F. Martins, Ivan H. J. Koh, Christine Taviot-Gueho, Vera R. L. Constantino (Instituto de Química - USP, Brazil) - Lipoic Acid and Layered Double Hydroxide: Experimental and in vivo Tests Approaches  <b>11h45 - 12h15</b> - Sergio Tavares, Alexandre Leitão, Rodrigo Capaz, Pedro I. R. Moraes (Universidade Federal de Juiz de Fora, Brazil)- Novel 2D Materials from Exfoliation of Layered Hydroxide Salts  <b>Chairperson: Camila Maroneze</b>  <b>14h15 - 15h15</b> KN1 - Ulla Gro Nielsen (University of Southern Denmark, Odense, Denmark) - The structure and ion-exchange properties of layered double hydroxides on the atomic level  <b>15h15</b> - Excursion LNLS  <b>20h</b> - Social Dinner</p>
<b>Thursday, 06/06</b>	<p><b>Chairperson: Vera Constantino</b>  <b>9h - 10h</b> PL5 - Tierui Zhang (Technical Institute of Physics and Chemistry of the Chinese Academy of Sciences, Beijing, China) - Layered Double Hydroxide Based Photocatalysts for Efficient Solar Fuels  <b>10h - 10h30</b> - Hipassia Moura (Technical University of Vienna - Austria) Synthesis of Light-Harvesting Organic-Inorganic Hybrid Materials  <b>10h30 - 11h</b> - Giorgio Gatti (Università del Piemonte Orientale “A. Avogadro”, Italy) - Extraction of Lanthanide Ions from Aqueous Solutions with Synthetic Saponite Clays            Coffee break 06  <b>11h15 - 11h45</b> - Katsumi Tanigaki (Tohoku University, Japan) - Electron-phonon and electron-electron interactions in electron doped aromatic hydrocarbons viewed from electrical transport  <b>11h45 - 12h15</b> - Yan Dongpeng (Beijing Normal University, China) - Recent Development on Long-afterglow Phosphorescent Organic-inorganic Hybrids  <b>Chairperson: Christine Taviot-Gueho</b>  <b>12h15 - 13h</b> KN2 Fernando Wypych (Universidade Federal do Paraná, Brazil) - LDH and hydroxyde salts as cation exchangers?!  <b>13h</b> - CLOSING CERIMONY</p>