<table>
<thead>
<tr>
<th>Time</th>
<th>Session: Polymers In Medicine and Biology</th>
<th>Chair: Jonathan Howse</th>
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<tbody>
<tr>
<td>8:30-8:35AM</td>
<td>Opening Ceremony</td>
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<tr>
<td>8:35-9:00AM</td>
<td>A01: Modeling the influence of glycosylation on protein dynamics</td>
<td>Roland Faller</td>
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<td>University of California Davis, USA</td>
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<tr>
<td>9:00-9:25AM</td>
<td>A02: Thermal cycling characteristics of DNA chips fabricated by 3D printing technology</td>
<td>Heesung Park</td>
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<td>Changwon National University, Korea</td>
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<tr>
<td>9:25-9:50AM</td>
<td>A03: Flicking technique with alginate and liquid crystals for microencapsulation of cells towards the growth of microtissues</td>
<td>Chin Fhong Soon</td>
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<td>Universiti Tun Hussein Onn Malaysia (UTHM), Malaysia</td>
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<tr>
<td>9:50-10:15AM</td>
<td>A04: Next Generation of Biodegradable Polymer-Ceramic Implants for Bone Regeneration</td>
<td>Fariba Dehghani</td>
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<td>The University of Sydney, Australia</td>
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<tr>
<td>10:15-10:30AM</td>
<td>Session Break</td>
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<tr>
<td>10:30 -10:55AM</td>
<td>A05: Poly(lactic acid)/graphene nanoplatelets films</td>
<td>Pietro Russo</td>
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<td>CNR IPCB, Italy</td>
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<td>10:55-11:20AM</td>
<td>A06: Thin liquid films of polymer blends with a free surface: structuring and stability</td>
<td>Santiago Madruga</td>
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<td>Universidad Politécnica de Madrid, Spain</td>
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<td>11:20-11:45AM</td>
<td>A07: In-situ Studies of Polymer Self-Assembly processes across different lengthscales - from spin-coating of colloidal crystals and polymers to microwave annealing of block-copolymers</td>
<td>Jonathan Howse</td>
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<td>University of Sheffield, UK</td>
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<tr>
<td>12:00-14:00 PM</td>
<td>Lunch Break</td>
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<tr>
<td>14:00 - 14:25PM</td>
<td>A08: Artificial Biomembrane Models Using Giant Vesicles Formed by Self-Assembly of Amphiphilic Block Copolymers</td>
<td><strong>Eri Yoshida</strong></td>
</tr>
<tr>
<td>14:25 - 14:50PM</td>
<td>A09: New Functional Polymer Materials Derived from Porous Crystals</td>
<td><strong>Kenta Kokado</strong></td>
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<tr>
<td>14:50 - 15:15PM</td>
<td>A10: Switchable Catalysis: New Methods for Controlling Polymerization Reactions</td>
<td><strong>Christopher W. Bielawski</strong></td>
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<tr>
<td>15:15 - 15:40PM</td>
<td>A11: Structural Control of Polysilsesquioxanes: Ladder or Cage</td>
<td><strong>Seung Sang Hwang</strong></td>
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<td>15:40 - 15:55PM</td>
<td>Session Break</td>
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<td>8:35-9:00AM</td>
<td>A12: Rate determining steps in polymer-complexation and ion-exchange kinetics</td>
<td>Masashi Hatanaka</td>
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<tr>
<td>9:00-9:25AM</td>
<td>A13: Towards sustainable manufacturing of drugs with bioinspired polymers</td>
<td>Gyorgy Szekely</td>
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<tr>
<td>9:25-9:50AM</td>
<td>A14: An affinity of the hybrid Ethyl cellulose/ Si membrane films to the components of organic – aqueous solutions and its influence at the selectivity of membrane division</td>
<td>Anna I. Suvorova</td>
</tr>
<tr>
<td>9:50-10:15AM</td>
<td>A15: Efficient flocculation of various contaminants from water by well-prepared starch-based flocculants</td>
<td>Hu Yang</td>
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<td>10:15-10:30AM</td>
<td>Session Break</td>
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<tr>
<td>10:30-10:55AM</td>
<td>A16: Polymer-Enzyme Conjugate Strategy for Improving Stability and Performance</td>
<td>Yasushi Sasai</td>
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<tr>
<td>10:55-11:20AM</td>
<td>A17: Novel absorption function of side chain crystalline block copolymer</td>
<td>Shigeru Yao</td>
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<td>11:20-11:45AM</td>
<td>A18: Polymers as an effective inhibitors for steels in petroleum industries: Surface and theoretical studies</td>
<td>Ambrish Singh</td>
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<td>12:00-14:00PM</td>
<td>Lunch Break</td>
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<td>14:00-14:25PM</td>
<td>A19: Complex Viscoelasticity of Polymers used for Magnetic Tapes</td>
<td>Brian L. Weick</td>
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<td>14:25-14:50PM</td>
<td>A20: Ultrasonic Dispersion of Graphenes and Self-Healing of Spread Carbon Fiber/Epoxy Laminates Containing Graphenes</td>
<td>Kazuaki Sanada</td>
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<td>14:50-15:15PM</td>
<td>A21: Nano silver polymer composite</td>
<td>Pratima Parashar Pandey</td>
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<td>15:15-15:40PM</td>
<td>A22: Nonlinear Polymer Composite with Adaptive Dielectric Characteristics to Applied Electrical Field</td>
<td>Jun Hu</td>
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<td>15:40-16:10PM</td>
<td>Session Break &amp; Poster</td>
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<tr>
<td>16:10-16:35PM</td>
<td>A23: Design of Polymer Networks using Dual Irradiation and Its Application to Functional Materials</td>
<td>Haruyuki Okamura</td>
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<tr>
<td>16:35P-17:00PM</td>
<td>A24: 2D Nanomaterials for EMI Shielding</td>
<td>Chong Min Koo</td>
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<tr>
<td>17:00-17:25PM</td>
<td>A25: Compreg laminated products from polymer bulking treatment of low density tropical wood</td>
<td>Zaidon Ashaari</td>
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**Wednesday March 15**

**Poster session (15:40 -16:10PM)**

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<tr>
<th>Poster Number</th>
<th>Description</th>
<th>Presenter</th>
<th>Institution</th>
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<tbody>
<tr>
<td>P01</td>
<td>Physical Degradation Mechanism and Physical Regeneration Method of Recycled Plastics</td>
<td>Shigeru Yao</td>
<td>Fukuoka University, Japan</td>
</tr>
<tr>
<td>P02</td>
<td>Thermally Conductive and Electrically Insulated Composites based on Modified Epoxy Resin and Laminated g-C3N4</td>
<td>Zhifeng Hao</td>
<td>Guangdong University and Technology, China</td>
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<tr>
<td>P03</td>
<td>Hydroxyethyl Pachyman as a novel excipient for sustained-release matrix tablets</td>
<td>Xianming Hu</td>
<td>Wuhan University, China</td>
</tr>
<tr>
<td>P04</td>
<td>Statistical Characteristics of Tensile Fracture Behavior in Polypropylene films</td>
<td>Chunyao Li</td>
<td>Kanazawa University, Japan</td>
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<tr>
<td>Time</td>
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<tr>
<td>8:35-9:00AM</td>
<td>A26: Finsler geometry modeling of liquid crystal elastomers: bending under light illumination</td>
<td>Hiroshi Koibuchi</td>
<td>National Institute of Technology, Ibaraki College, Japan</td>
</tr>
<tr>
<td>9:00-9:25AM</td>
<td>A27: Effect of plasticizing molecules on the molecular dynamics of polylactide</td>
<td>Eric Dargent</td>
<td>Université de Rouen-Normandie, France</td>
</tr>
<tr>
<td>9:25-9:50AM</td>
<td>A28: Bottlebrush molecules in melts</td>
<td>Jaroslaw Paturej</td>
<td>University of Szczecin, Poland</td>
</tr>
<tr>
<td>9:50-10:15AM</td>
<td>A29: Unravelling the surface composition of topologically-different polymer blends</td>
<td>Giuseppe Pellicane</td>
<td>School of Chemistry and Physics - UKZN, South Africa</td>
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<tr>
<td>10:15-10:30AM</td>
<td>Session Break</td>
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<tr>
<td>10:30-10:55AM</td>
<td>A30: Effects of Substituents on Polymer Glass Transition Dynamics</td>
<td>Takashi Sasaki</td>
<td>University of Fukui, Japan</td>
</tr>
<tr>
<td>10:55-11:20AM</td>
<td>A31: Bending behavior of polyethylene forms</td>
<td>Koh-hei Nitta</td>
<td>Kanazawa University, Japan</td>
</tr>
<tr>
<td>11:20-11:45AM</td>
<td>A32: Controlled a-Olefin Polymerization by Zirconium Complexes Having an [OSSO]-Type Bis(phenolate) Ligand</td>
<td>Norio Nakata</td>
<td>Saitama University, Japan</td>
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<td>12:00-14:00PM</td>
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<tr>
<td>14:00 -14:25PM</td>
<td>A33</td>
<td>Crosslinking of Continuous Glass Fiber-Reinforced Polypropylene Composites by e-Beam generated Hydroperoxides</td>
<td>Michael Thomas Müller</td>
</tr>
<tr>
<td>14:25 -14:50PM</td>
<td>A34</td>
<td>Tensile Behavior of Hydrophobic Agent-Treated Cellulose Nanocrystal/Polypropylene Composite</td>
<td>Kazuya Nagata</td>
</tr>
<tr>
<td>14:50 -15:15PM</td>
<td>A35</td>
<td>Corrosion Protection of Rebar in Concrete</td>
<td>Sangeeta Gadve</td>
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<tr>
<td>15:15 -15:40PM</td>
<td>A36</td>
<td>High Performance Polymer Composite Food Packaging</td>
<td>Li Xu</td>
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<td>15:40 -15:55PM</td>
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<td>Session Break</td>
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<tr>
<td>15:55-16:20PM</td>
<td>A37</td>
<td>Polypropylene Nanocomposites as recyclable insulation material for HVDC power cable</td>
<td>Jinliang He</td>
</tr>
<tr>
<td>16:20P-16:45PM</td>
<td>A38</td>
<td>Polymer-based nanocomposites with high energy and power densities toward capacitive energy storage at elevated temperature</td>
<td>Qi Li</td>
</tr>
<tr>
<td>16:45-17:10PM</td>
<td>A39</td>
<td>Characterization and properties of natural fibre woven fabric-Poly (lactic acid) (PLA) biocomposites</td>
<td>Nurul Fazita BintiMohammad Rawi</td>
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