

Prof. Dr. Stéphan Barbe  
 Cologne University of Applied Sciences, Cologne (Germany)

## Conferences on filtration and membrane techniques

Date: 11<sup>th</sup> to 13<sup>th</sup> March 2015

Place: Facultad de Ingeniería – Universidad de la República  
 Salón Azul (5<sup>to</sup> piso)

Date	Content
Wednesday, 11 <sup>th</sup> March 2015, 18:00-20:00	<b>Solid-liquid separation:</b> <ol style="list-style-type: none"> <li>1. Overview of Solid-Liquid-Separation techniques</li> <li>2. Filtration techniques and their dimensioning</li> <li>3. Fouling in filtration, what is the problem?</li> </ol>
Thursday, 12 <sup>th</sup> March 2015, 18:00-20:00	<b>Membrane science</b> <ol style="list-style-type: none"> <li>1. Thermodynamic of polymer solution</li> <li>2. How to produce a macroporous membrane?</li> <li>3. Dry-cast process</li> <li>4. Coagulation bath</li> <li>5. How to control structure evolution during membrane manufacture</li> </ol>
Friday, 13 <sup>th</sup> March 2015, 18:00-20:00	<b>Filtration, an unit operation for the recovery of biopolymers?</b> <ol style="list-style-type: none"> <li>1. Differences between the filtration of crystals and biopolymers</li> <li>2. Optimization of biopolymer filtration</li> <li>3. Electro-filtration</li> <li>4. Concentration and Fractionation of biopolymer via cross-flow filtration</li> <li>5. Lignin, an attractive biopolymer?</li> </ol>

La inscripción es gratuita, enviando un correo a [forestales@fing.edu.uy](mailto:forestales@fing.edu.uy), detallando nombre y organización.

