



# Biocomp 2016

The 13<sup>th</sup> Pacific Rim Bio- Based Composites Symposium  
**BIO-BASED COMPOSITES FOR A SUSTAINABLE FUTURE**  
November 13<sup>th</sup> to 15<sup>th</sup>, 2016 - Concepción - Chile

# TLMC<sub>2</sub>

Second Latin American Workshop on Carbonaceous Materials  
**GRAPHENE-BASED SUSTAINABLE MATERIALS**  
November 16<sup>th</sup> to 18<sup>th</sup>, 2016 - Termas de Chillán - Chile



We cordially invite researchers, industrial delegates and students from all over the world to join us for two consecutive events during 2016 in Chile: the **13<sup>th</sup> Pacific Rim Bio-Based Composite Symposium, Biocomp 2016** ([www.biocomp2016.cl](http://www.biocomp2016.cl)), and the **2<sup>nd</sup> Latin American Workshop on Carbonaceous Materials, TLMC-2** ([www.tlmc2.cl](http://www.tlmc2.cl)). Biocomp will be held between November 13<sup>th</sup> - 15<sup>th</sup>, 2016, in Concepción, while the TLMC<sub>2</sub> will be held between November 16<sup>th</sup> - 18<sup>th</sup>, 2016, in Termas de Chillán, 170 km east of Concepcion.

## Biocomp 2016

The Symposium started in 1992 and is held every two years in a Pacific Rim country. Past symposia have been held in Rotorua, New Zealand (1992), Vancouver, Canada (1994), Kyoto, Japan (1996), Bogor, Indonesia (1998), Canberra, Australia (2000), Portland, Oregon, USA (2002), Nanjing, China (2004), Kuala Lumpur, Malaysia (2006), Rotorua, New Zealand (2008), Alberta, Canada (2010), Shizuoka Japan (2012) and Beijing, China (2014).

The key objective of this international symposium is to provide a forum for discussion and to facilitate the exchange of ideas and information on the latest development and findings in bio-based composites.

Among the delegates attending this event will be scientists and experts from relevant industries, government agencies, universities and research institutions. In addition, this symposium is a forum for promoting and strengthening cooperation and networking among participants.

The main themes of the symposium 2016 will be:

- Bio-resources (including characterization, supply, processing, environmental, economic, challenges and opportunities of wood or non-wood fibres)
- Adhesives and bonding (current and new adhesives; adhesive mechanisms and characterization; challenges and opportunities)
- Processing technologies (including existing and new production technologies, process modelling, material interactions, production and demand trends)
- New analytical techniques, properties and testing
- Sustainable, economics and marketing

## TLMC-2

During the Carbon 2013 World Conference in Rio de Janeiro, Brazil ([www.carbon2013.org](http://www.carbon2013.org)), the Latin-American researchers in attendance decided to create the *Latin American Federation of Carbonaceous Materials* (FLC) and to hold in 2014 the *First Latin-American Workshop on Carbonaceous Materials* (TLMC). This event in Punta del Este (Uruguay) assembled some 80 researchers ([www.tlmc2014.com](http://www.tlmc2014.com)). The Federation was formally created and the leadership baton was transferred from Dr. Luiz Depine to Dr. Nestor Tancredi.

Chile was designated as the venue for the Second TLMC, with the theme "Graphene-based Sustainable Materials". The organizing committee, researchers and academics of the University of Concepción assumed the responsibility and challenge with great motivation and enthusiasm.

It is in such spirit that we invite students and professionals from Latin-America and beyond to take part in this Workshop (TLMC-2), at the Convention Center of Termas de Chillán, Chile ([www.termaschillan.cl](http://www.termaschillan.cl)) between November 16<sup>th</sup> - 18<sup>th</sup>, 2016.

The workshop will feature distinguished plenary lecturers from Latin-America and beyond, who will cover topics ranging from carbon fibers and nanotubes to hybrids and composites. Additional oral and poster presentations in a relaxed atmosphere will further stimulate productive discussion and sharing of experiences.

Topics:

- Energy
- Environment
- Soil amendment
- Electronic devices
- Fibers / Nanotubes
- Hybrids and composites
- Catalysis / Photocatalysis

Dr. Alex Berg  
President of the Organizing Committee  
Biocomp 2016

Dr. Juan Matos Lale  
President of the Organizing Committee  
TLMC-2