

# SHECHTMAN INTERNATIONAL SYMPOSIUM



This symposium will honor the great lifetime achievements of Prof. Shechtman, a metallurgist who won the 2011 Nobel Prize in Chemistry, & will equally cover the important pillars of sustainability:

- 1) political and social framework
- 2) science, technology and industrial practice
- 3) education

The scope includes the entire cycle of the world's most precious resources including minerals, metals and materials, their extraction, processing, recycling & development of new frontiers.

**Prof. Daniel Shechtman**  
**2011 Nobel Prize in Chemistry**

**FLOGEN**  
STAR OUTREACH

**Incorporating:**

## 2<sup>nd</sup> International Symposium on Quasi-crystals, Composites, Ceramics, Nanomaterials and Metallic Alloys

- Quasi-periodic materials (Quasi-crystals); Metal and ceramic- matrix composites
- Oxide and non-oxide ceramics; Bio-ceramics and composites
- Corrosion behavior of composites and refractory materials
- Ceramics for structural and functional (electrical, dielectric, optical, magnetic applications)
- Thermal, mechanical behavior (elastic modulus, modulus of rupture (MOR), KIC), and fracture surface
- Continuous and short fibers, whiskers and particle reinforcements
- Processing with ex-situ and in-situ formed phases; Novel processing and characterization techniques
- Sol-gel, gas processing and deposition routes (PVD, CVD, CVI, etc.)
- Sandwich structure and functionally graded materials; Solid, semisolid and liquid-state processing routes
- Macro, micro, and nano length-scale reinforcements; Magnesium alloys and their processing;
- Biodegradable materials for implants; Biodegradable magnesium, etc.

Complete Scope in the Web Site

29 June - 04 July 2014  
Fiesta Americana Condesa  
Cancun, Mexico

Abstract Submission  
Deadline Specified  
at the Website

### Leading Committee:



**Florian Kongoli**  
Chair  
CEO & President  
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**WebSite:** [www.flogen.org/ShechtmanSymposium](http://www.flogen.org/ShechtmanSymposium) **Contact:** Dr Florian Kongoli ([fkongoli@flogen.org](mailto:fkongoli@flogen.org))  
**Phone:** 1-514-344-8786 Toll Free: 1-877-2-FLOGEN (Within North America) **Fax:** 1-514-344-0361