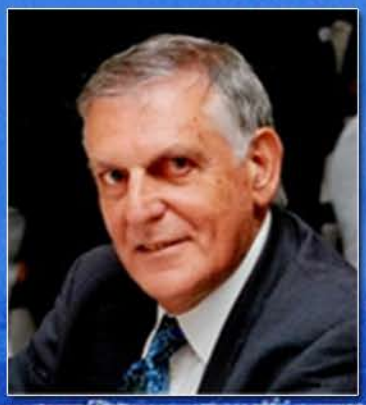
# SHECHTMAN INTERNATIONAL SYMPOSIUM



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

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

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:

## Synthesis and Properties of Nanomaterials for Future Energy Demands

- Preparation of nanostructures and nanostructured materials for energy applications: e.g. nanowires, nanoparticles, nanocomposites, mesoporous structures
- Structural, morphological and functional characterization of nanomaterials for energy applications
- Photonic, electronic, ionic, phononic and chemical transitions, transfer and transport at the nanoscale
- Photocatalytic nanomaterials for solar fuels
- Nanomaterials and nanocomposites for thermoelectric applications
- Nanomaterials and devices for clean energy and energy conservation

**Organizer**

Dinesh Pathak ,
U. of Pardubice,
Czech Republic

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

**Abstract Submission Deadline Specified at the Website**

## Leading Committee:

**Florian Kongoli**
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CEO & President
Flogen Technologies
Canada / USA

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Ariel University
Israel

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