

## INERA PROJECT

*Research and Innovation Capacity  
Strengthening of ISSP-BAS in Multifunctional  
Nanostructures*  
REGPOT-2012-2013-1



[www.inera.org](http://www.inera.org)

**GEORGI NADJAKOV**  
*Institute of Solid State Physics (ISSP)*  
72, Tzarigradsko Chaussee, Blvd., 1784 Sofia,  
BULGARIA

Phone: (+359 2) 875 80 61



[www.issp.bas.bg](http://www.issp.bas.bg)



## Work Meeting

The NEW INERA EQUIPMENT – a basis for  
the future collaboration between the  
scientists in Bulgarian and European  
Research Areas

## PROGRAMME

7 December, 2015,  
Sofia, Best Western Hotel EXPO

*Organized by WP5 “Strengthening visibility –  
Integration of ISSP-BAS in ERA as a major player”*

**7 December, 2015**

10:30 - 11:00 **Registration**

10:30 - 11:00 **COFFEE BREAK**

11:00 - 11:15 **Opening – Kiril Blagoev**

11:15 - 11:45 **Peter Rafailov**

*Graphene and Carbon Nanostructures: Growth and implementation*

11:45 - 12:15 **Marin Gospodinov**

*Magnetolectric single crystals technologies for thin film coatings*

12:15 - 14:00 **LUNCH**

14:00 - 14:30 **Kostadinka Gesheva**

*Electrochromic and photocatalytic thin metal oxide coatings*

14:30 - 15:00 **Yordan Marinov**

*Nanomembrane and liquid crystal nanostructures*

15:00 - 15:30 **COFFEE BREAK**

15:30 - 16:00 **Margarita Grozeva**

*Lasers and Laser Methods for micro- and nano-processing of materials; nanostructuring of surfaces*

16:00 - 17:00 **Discussion** – Scientific activity of ISSP – BAS stimulated by the INERA Project

**Moderator: Nikolay Tonchev**

17:00 - 18:00 **DINNER**

**7 December, 2015**

**RESEARCH & WORK GROUPS**

**WG1 – Graphene and carbon nanotubes growth and implementation**

*Leader: Assoc. Prof. Peter Rafailov*

**WG2 – Magnetolectric single crystals and magnetron-sputtered thin films structures and their implementation**

*Leader: Prof. Marin Gospodinov*

**WG3 – Smart window-electrochromic devices and electrochemical splitting of water**

*Leader: Prof. Kostadinka Gesheva*

**WG4 – Nanomembrane and liquid crystal nanostructures: research and applications**

*Leader: Assoc. Prof. Yordan Marinov*

**WG5 – Lasers and laser assisted annealing of nanostructures**

*Leader: Assoc. Prof. Todor Petrov*

