

**TWELFTH ANNUAL CONFERENCE**

# **YUCOMAT 2010**

Hotel "Plaža", Herceg Novi, Montenegro, September 6–10, 2010  
<http://www.mrs-serbia.org.rs>

## **Programme and The Book of Abstracts**

Organised by:  
**Materials Research Society of Serbia,**  
and  
**Institute of Technical Sciences of the  
Serbian Academy of Sciences and Arts, Belgrade**

under the auspices of  
**Federation of European Material Societies**  
and  
**Materials Research Society**

**Title:** THE TWELFTH ANNUAL CONFERENCE  
“YUCOMAT 2010”  
Programme and The Book of Abstracts

**Publisher:** Institute of Technical Sciences of the Serbian Academy of Sciences & Arts  
Knez Mihailova 35/IV; P.O. Box 377, 11000 Belgrade, Serbia  
Phone: +381 11 2185-437; Fax: + 381 11 2185-263  
<http://www.itn.sanu.ac.rs>

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**Technical editor:** Aleksandra Stojičić

**Cover page:** Aleksandra Stojičić and Milica Ševkušić

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**Acknowledgment:**



**Printed in:** Printing office “Čigoja”  
Studentski trg 15, 11000 Belgrade  
Phones: + 381 11 2186-725; + 381 11 2625-954  
Circulation: 260 copies. The end of printing: July 2010.

O.S.C.8

**INFLUENCE OF THE NANOSTRUCTURE ON THE SURFACE  
AND BULK PHYSICAL PROPERTIES OF MATERIALS**

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Fullerenes, nanotubes, quantum dots have been considered as effective sensitizers to modify both the spectral, optical, nonlinear optical features, dynamic and polarization characteristics, as well as mechanical properties of the organic and inorganic materials. Laser, spectroscopy, mass-spectroscopy, nuclear magnetic resonance methods have been apply to support the change in the physical properties of the new nanocomposites. The extending of the nanocomposites applications area has been considered.