

# **Joint UniS-VINČA Workshop on Ion Beam Applications for Materials Modification and Analysis**

**2 September 2006**

**VINČA Institute of Nuclear Sciences, Belgrade – Main Seminar Room**

## **PROGRAMME**

8:00 – 8:30 Bus transfer from Belgrade to the VINČA Institute

8:30 – 9:00 Registration

09:00 – 09:10 Welcome by the Director General of the VINČA Institute

09:10 – 09:20 Opening of the meeting by Mr Andrew Glass, Director of the British Council, Belgrade

09:20 – 09:40 M Milosavljević (Vinča ) – Introduction of the Vinča ion beam facilities and recently started experiments

09:40 – 10:00 R P Webb (UniS) – Introduction of the Surrey Ion Beam Centre

10:00 – 10:20 K P Lieb (Goettingen) – Ion beam irradiations of Ni/Si bilayers: Correlations between magnetic and structural properties

10:20 – 10:40 C Jeynes (UniS) – Accurate analysis of thin films with MeV ion beams

10:40 – 11:10 Coffee Break

11:10 – 11:30 K J Kirkby (UniS) – Biomedical applications of high energy ion beams

11:30 – 11:50 I Gomez-Morilla (UniS) – Ion beam lithography

11:50 – 12:10 A Simon (Debrecin)– An overview of the research activity at ATOMKI IBA laboratory

12:10 – 12:30 G W Grime (UniS) – The characterization of cultural heritage objects using ion beam techniques

12:30 – 15:10 Lunch break which will include a partial tour of the facilities and picnic by the Vinča swimming pool

15:10 – 15:30 J Fassbender (Rossendorf) - Ion beam modifications of magnetic materials

15:30 – 15:50 N Bibić (Vinča) – Some experiments on ion beam modification and analysis of materials in Vinča

15:50 – 16:10 D Kakaš (University of Novi Sad) – Ion beam modification of hard coatings

16:10 – 16:30 K P Homewood (UniS) – Silicon based optical devices

16:30 – 17:00 Individual discussions, refreshments

17:00 – 17:30 Bus transfer to Belgrade

19:00 – 21:00 Reception hosted by Mr Andrew Glass, Director British Council, Serbia at the British Ambassador's Residence