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GENERAL INFORMATION

<u>DATE</u>	June 7-10, 2000
<u>LOCATION</u>	Great Conference Hall NAS of Ukraine 55, Volodymyrs'ka str. Ukraine Teacher House 57, Volodymyrs'ka str.
<u>ORGANIZATIONS</u>	Institute of Magnetism National Academy of Sciences of Ukraine Ukrainian URSI Committee

SPONSORS

National Academy of Sciences of Ukraine

European Physical Society

Ministry of Education of Ukraine

Science and Technology Center in Ukraine

Office of Naval Research International Field Office, Europe

SCOPE

EMMA-2000 is the 8th in a series of biannual conferences on magnetism. Previous meetings were held in GRENOBLE (1985), SALFORD (1987), RIMINI (1989), DRESDEN (1991), KOSICE (1993), VIENNA (1995), and ZARAGOZA (1998). The conference covers all aspects of magnetic materials, including basic, applied and technological topics. The objective is to provide a forum for researchers to discuss relevant and recent results on Magnetism.

SCIENTIFIC PROGRAM

Contributions have been accepted from the following areas:

1. Magnetic thin films, multilayers, surfaces, small particles, and their applications
2. Amorphous and nanocrystalline magnetic materials and applications
3. Hard magnetic materials, permanent magnets and their applications
4. Magnetoelasticity and magnetic anisotropy
5. Magnetic sensors devices and materials for electrical and electronic applications
6. Magnetic semiconductors, insulators and microwave applications
7. Magnetization processes and their mechanism
8. Micromagnetic calculations
9. Strong magnetic fields and high pressures.
10. Magnetic recording
11. Molecular magnetism and magnetic polymers. Ferrofluids. Applications.
12. Biomagnetism
13. Magnetic measurement techniques
14. Magneto-optics and applications
15. Magneto-transport and Hall effect, GMR, CMR, materials and applications
16. Magnetic separation and levitation.
17. Rare earth intermetallics
18. Novel magnetic phases and interstitials. Itinerant magnetism
19. Basic problems of physics of magnetic materials
20. Soft magnetic materials and applications

In the frame of the conference a special seminar "Selected topics of dynamics and structure of magnetic materials" in memorizing of Professor A. Hubert was held.

