Channeling series: flash on 7 years

hanneling 2004

SCOPE TOPICS AND SPEAKERS ADVISORY BOARD SCIENTIFIC PROGRAM

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VENUE

Istituto Nazionale di Fisica Nucleare - Laboratori Nazionali di Frascati

INTERNATIONAL WORKSHOP

Charged and Neutral Particles Channeling Phenomena

Meeting Photos

1st announcement

2nd announcement

"Channeling 2004"

Workshop on Charged and Neutral Particles Channeling Phenomena Frascati (Rome), Italy November 2 - 6, 2004

nale di Fisica Nucleare – Laboratori Nazionali di Frascati

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Istituto Nazionale di Fisica Nucleare - Laboratori Nazionali di Frascati

Channeling 200



Frascati (Rome) Italy - November 2 - 6, 2004



Topics for discussion

Radiation of relativistic charged particles in periodic structures

Coherent scattering of electrons and positrons in crystals

Channeling radiation of electrons and positrons in crystals

Channeling of X-rays and neutrons in capillary systems (micro- and nano-channeling)

Novel types of sources for electromagnetic radiation (FEL, powerful X-ray sources)

Applications of channeling phenomena (novel radiation sources, X-ray waveguides, capillary/polycapillary optics)

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FRASCATI autumn







FRASCATI autumn

















About 80 abstracts

More than 50 contributions issued In Procs.

PROCEEDINGS OF SPIE

International Conference on Charged and Neutral Particles Channeling Phenomena

Sultan B. Dabagov

2–6 November 2004 Rome, Italy

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TOPICS AND SPEAKERS

REGISTRATION

Charged and Neutral Particles Channeling Phenomen.



>>> 2006 >>>



FRASCATI summer

"Channeling 2006"

...IN PICTURES...

International Conference on Charged and Neutral Particles Channeling Phen 3 - 7 July 2006, Frascati (Rome), Italy

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The "Channeling" (International Conference on Charged and

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International Conference on Charged and Neutral Particles Channeling Phenomena

INFN - Laboratori Nazionali di Frascati July 3-7, 2006 Frascati (Rome), Italy







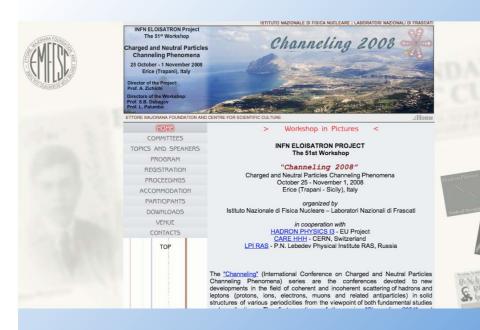
more than 90 participants: More than 100 abstracts

Proc. SPIE 6634 (2007) International Conference on **Charged and Neutral Particles** Channeling Phenomena II

More than 60 papers

FRASCATI summer







More than 80 contributions issued proceedings



ERICE autumn



Charresed and Neutrail Particles Channeling Phenomena 25 October - 1 November 2003 Erice (Trapani), Italy

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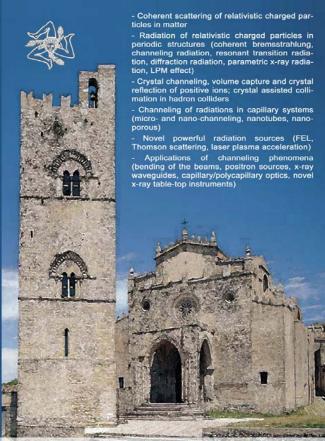
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ERICE autumn

Book of abstracts: all submitted contributions – more than 80

Page: 34-46

Page: 47-54

Abstract | Full Text (PDF, 1244KB) | References

A. R. MKRTCHYAN, A. A. SAHARIAN and V. V. PARAZIAN

Abstract | Full Text (PDF, 891KB) | References

DOI No: 10.1142/S0217751X10049906

COHERENT PAIR PRODUCTION IN CRYSTALS IN PRESENCE OF ACOUSTIC WAVES

NEGATIVE PARTICLE PLANAR AND AXIAL CHANNELING AND CHANNELING COLLIMATION

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CHARGED AND NEUTRAL PARTICLES
CHANNELING PHENOMENA

of the INFN ELOISATRON Project

THE SCIENCE AND CULTURE SERIES — PHYSICS

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Proceedings of the 51st Workshop of the INFN ELOISATRON Project

CHARGED AND NEUTRAL PARTICLES CHANNELING PHENOMENA

Channeling 2008

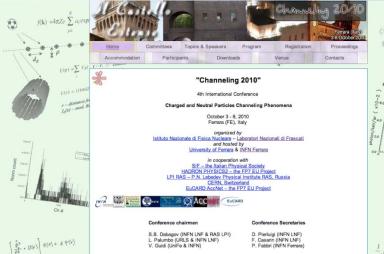




Editors
Sultan B Dabagov & Luigi Palumbo

Intern Jounal of Modern Physics A25 (10 Suppl. 1) (2010) 223 pp.

20 selected papers









FERRARA autumn



E.G. Bessonov (LPL Moscow) D. Bettoni (INFN Ferrara)

L. Serafini (INFN Milano, Milan

D. Hampai (URLS & INFN LNF)



Novel types of sources for electromagnetic radiation (FEL, Thomson scattering, laser plasma acceleration) Applications of channeling phenomena (bending of the

ims, positron sources, powerful radiation sources, x-ray

... welcome to Ferrara & wishing a fruitfull week...