
BW2003 WORKSHOP
Mathematical, Theoretical and
Phenomenological Challenges Beyond
Standard Model:
PERSPECTIVES OF BALKANS COLLABORATION

29 August - 02 September, 2003
VRNJACKA BANJA, SERBIA

ORGANIZERS

Department of Physics, University of Nis

Max Planck Institute for Physics Munich

Institute of Physics, Humboldt University at Berlin

General Information

The Workshop will be held in Vrnjacka Banja right after the [Fifth General Conference of the Balkan Physical Union](#).

GOALS

The purpose of the workshop is to foster the communication among the researchers in the Balkans region and also between them and their colleagues elsewhere in the world.

The principal idea is to create the opportunity for the researchers working in the general area of high energy physics at different institutions in the Balkans countries to showcase their work and present their results. This will help create a supportive environment eventually facilitating the establishment of new, closer collaborative ties and strengthening the existing regional and interregional collaborations. Such enhanced communication and collaboration between individuals involved in research in high energy physics in the region will encourage closer contacts and cooperation between their faculties, universities and institutes, initiating an exchange of scientific personnel and enabling joint applications for support and participation in international projects.

Science has already transcended national borders, and our ultimate hope is that the effect of scientific integration will also have positive influence on the society in the Balkans in general.

Topics

Strings and superstrings
Supersymmetry and conformal field theory
Noncommutative, gauge and string field theories
D-branes and matrix models
Cosmology, quantum gravity, extra dimensions
Particle physics: theory and (LHC) phenomenology
Noncommutative, q-deformed and nonarchimedean models

CONTACT ADDRESS

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Advisory Committee

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I. Antoniadis (CERN)
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J. Bagger (Baltimore) TBC
S. Bellucci (Frascati)
J. Ellis (CERN)
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D. Luest (Berlin)
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Lj. Nestic (Nis)
A. Nicolaidis (Thessaloniki)
C. Sochichiu (Chisinau, Frascati)

Lecturers

C. Bachas (Paris)
I. Bakas (Patras)
M. Chaichian (Helsinki)
B. Dubrovin (Trieste)
E. Dudas (Paris)
J. Ellis (CERN)
H. Grosse (Vienna)
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I. Kostov (Saclay, Sofia)
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V. Schomerus (Paris) TBC
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J. Wess (Munich)

Participants

The number of participants is expected to be around 50, mainly by invitation. The organizers will cover living expenses for the invited participants. Limited additional funds should be available for a few participants, to be selected by the Organizers.

Travel expenses will be covered partially, depending on the level of international support and the availability of funds. There is no registration fee.

Researchers, Postdoc and PhD students interested in participating in the Workshop should send a brief letter by May 31, 2003, with key personal information to the organizers' official e-mail address: bw2003@pmf.ni.ac.yu

Travel

For travel information see [here](#)

Accommodation

[Vrnjacka Banja](#) is the most famous spa in Serbia. Natural beauty and curative thermal waters have been known and used since Roman times.

There are various possibilities for accommodation at an acceptable level. Details concerning the accommodation will be given in the Second Announcement.

Contribution

The time allowed for the invited talks is expected to be 40-45 minutes. The time for oral presentations of the participants is expected to be 20-25 minutes.

The organizers are going to publish an Abstract Book. Abstracts should be sent by e-mail by June 30, 2003.

More details about publication of abstracts and possible Conference Proceedings will be given in the Second Announcement.