

Nuclear Physics in Astrophysics III
XXI International Nuclear Physics Divisional Conference
of the European Physical Society
A Europhysics Conference
Dresden, Germany
26 – 31 March 2007

SECOND CIRCULAR
(dated 5 January 2007, updated 17 January 2007)

VENUE

The conference will be held at Technical University of Dresden, Germany between 26 – 31 March 2007. It is organized by Forschungszentrum Dresden-Rossendorf.

SCIENTIFIC PROGRAM

The program will cover recent developments in nuclear astrophysics with selected oral and poster presentations on important new experimental and theoretical results in this field.

Topics to be covered:

- Big Bang Nucleosynthesis
- Stellar Nucleosynthesis and Low Cross Section Measurements
- Explosive Nucleosynthesis and Nuclear Astrophysics with Photons
- Nuclei far from Stability and Radioactive Ion Beams
- Dense Matter in Neutron Stars and Relativistic Nuclear Collisions
- Neutrinos in Nuclear Astrophysics

CALL FOR ABSTRACTS

All contributors to the conference are requested to submit a one-page **abstract** by e-mail (npa3@fzd.de) not later than 28 January 2007. Accepted format is standard LaTeX. A template can be downloaded from the conference website. The selection of oral and poster contributions will be done by 9 February 2007. The book of abstracts will be distributed to the participants at the registration desk.

INVITED SPEAKERS

K. Boretzky	GSI, Darmstadt, Germany
F. Burgio	INFN Catania, Italy
N. Christlieb	Uppsala University, Sweden
A. Coc	IN2P3, Orsay, France
R.H. Cyburt	Michigan State University, USA
V. Demetriou	NCSR „Demokritos“, Athens, Greece
P. Descouvemont	Université Libre de Bruxelles, Belgium
R. Diehl	MPI for Extraterrestrial Physics, Garching, Germany

K. Eitel	Forschungszentrum Karlsruhe, Germany
C. Fuchs	University of Tübingen, Germany
G. Gyürky	ATOMKI, Debrecen, Hungary
M. Heil	GSI, Darmstadt, Germany
S. Hilaire	CEA, France
F. Iocco	University of Naples "Federico II", Italy
A. Jokinen	University of Jyväskylä, Finland
J. José	IEEC, Barcelona, Spain
A. Kelic	GSI, Darmstadt, Germany
B. Kozlovsky	Tel Aviv University, Israel
M. Krticka	Charles University of Prague, Czech Republic
R. Lacey	Stony Brook, USA
M. Liebendörfer	University of Basel, Switzerland
M. Lugaro	University of Utrecht, The Netherlands
G. Martinez-Pinedo	GSI, Darmstadt, Germany
T. Neff	GSI, Darmstadt, Germany
N. Paar	Technical University of Darmstadt, Germany
T. Rauscher	University of Basel, Switzerland
S. Romano	Laboratori Nazionali del Sud, Catania, Italy
P. Senger	GSI, Darmstadt, Germany
K. Sonnabend	Technical University of Darmstadt, Germany
F. Strieder	Ruhr Universität Bochum, Germany
S. Typel	GSI, Darmstadt, Germany
H. Utsunomiya	Konan University, Japan
D. Vretenar	University of Zagreb, Croatia

COMMITTEES

Advisory Committee

A. Faessler	Eberhard Karls Universität Tübingen, Germany (co-chair)
C. Rolfs	Ruhr Universität Bochum, Germany (co-chair)
N. Auerbach	Tel Aviv University, Israel
J. Äystö	University of Jyväskylä, Finland
H. Freiesleben	Technische Universität Dresden, Germany
Zs. Fülöp	ATOMKI, Debrecen, Hungary
S. Harissopoulos	Demokritos, Athens, Greece
F. Käppeler	Forschungszentrum Karlsruhe, Germany
A. Mengoni	IAEA Vienna, Austria
O. Scholten	KVI Groningen, The Netherlands
A. Shotter	TRIUMF, Canada
K. A. Snover	University of Washington, Seattle, U.S.A.
K. Takahashi	Université Libre de Bruxelles, Belgium
M. Wiescher	Notre Dame University, U.S.A.

Local Organizing Committee

D. Bemmerer
E. Grosse (chair)
A. R. Junghans
R. Schwengner
A. Wagner

PROCEEDINGS

After peer review, selected oral contributions will be published in a special issue of [Journal of Physics G: Nuclear and Particle Physics](#). A small number of the best poster contributions will also be published in this issue after passing peer review.

The deadline for proceedings contributions is 30 April 2007.

A copy of the proceedings book will be sent to each registered participant.

FEES AND SUPPORT

We expect about 100 participants.

Registration Fee

for Individual Members of the EPS	300 EUR
for members of National Societies	300 EUR
for non-members	330 EUR
for PhD-students and undergraduates	130 EUR

The fee includes the abstract booklet, refreshments, lunch, conference excursion, conference dinner and a copy of the proceedings volume and should be paid by bank transfer by 10 March 2007 (preferred) or on site in cash (euros only).

Account Holder:	Forschungszentrum Dresden-Rossendorf, Germany
SWIFT:	DRESDEFF850
IBAN:	DE42850800000402657300
Financial Institution:	Dresdner Bank AG
Reason for payment:	S3-T71 NPA3, your name

For bank transfers inside Germany only:

Kontonummer:	0402657300
Bankleitzahl:	850 800 00
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A limited amount of financial support will be available upon request. In addition, eligible participants may also apply for support to the East West Task Force of the European Physical Society (<http://www.fzu.cz/varia/ewtf>).

ACCOMMODATION

Conference participants are asked to book their hotel room by directly contacting the hotel. We have reserved a contingent of 25 rooms per hotel until 15 February 2007 only at “Four Points Hotel Königshof Dresden”, the “Achat Hotel” and at the International Guest house of the Technical University Dresden. If you choose one of these hotels, please mention the code word “Conference NPA3” and book before 15 February 2007.

Four Points Hotel Königshof Dresden****

Phone: +49 351 8731-437 Fax: +49 351 8731-499
single room 75 Euro
double room 95 Euro

Achat Hotel***

Phone: + 49 351 47380 0 Fax: + 49 351 47380 999
single room 64 Euro
double room 76 Euro

International Guest house of the Technical University Dresden

http://www.studentenwerk-dresden.de/english/wohnen/gaestehaus_formular.php

single room apartment in a shared flat 40,50 Euro
one room apartment 44,50 Euro
one room apartment for two people 61,00 Euro

For more details on these hotels please visit the conference website <http://www.fzd.de/npa3> .

If you would like to select a different hotel, please visit <http://www.dresden.de> .

TRAVEL INFORMATION

Dresden can conveniently be reached by plane, train or car.

Travelling by train

German Railways: <http://www.bahn.de>
(Please choose "Dresden Hbf" (main station) as destination.)

Travelling by plane

Dresden Airport: <http://www.dresden-airport.de/>
Leipzig/Halle Airport: <http://www.leipzig-halle-airport.de>
Berlin Airports: <http://www.berlin-airport.de>
Frankfurt Airport: <http://www.airportcity-frankfurt.com>

CORRESPONDENCE

For further information and online registration please visit the conference website: <http://www.fzd.de/npa3> or contact:

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