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EXTEND 2012

The ANDES summer school

Budapest, September 17-28

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<http://www.physics.uu.se/tk/>



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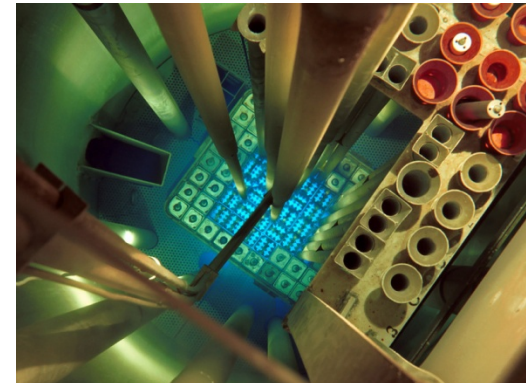
EXTEND 2012

The European school on **EX**periments, **T**heory and **E**valuation of **N**uclear **D**ata (EXTEND) is going to be held during **September 17 - 28, 2012** in Budapest, Hungary.

The school is organized within the FP7 EU project ANDES (**A**ccurate **N**uclear **D**ata for nuclear **E**nergy **S**ustainability).

The school will be held under the local organization of Szabolcz Czifrus at the [Institute of Nuclear Techniques \(INT\)](#), located centrally downtown Budapest, Hungary.

During the course we will, e.g., make use of the [training reactor](#).

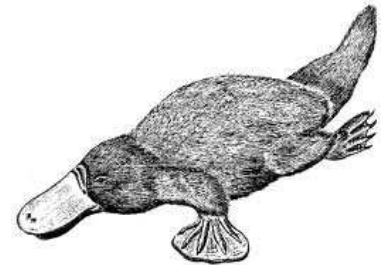




Content

Lectures on the following topics:

- Introduction to nuclear data
- Experimental methods
- Application-oriented nuclear theory
- Evaluation and validation
- Data handling
- Nuclear data needs for ADS and Gen-IV
- Outlook to the future



Laboratory exercises:

- Cross-section measurements at two reactors
- Cross-section measurement at an accelerator-based neutron source
- Theory
- Data handling





Schedule and teachers

Week 1

Experimental methods (1.5 days):

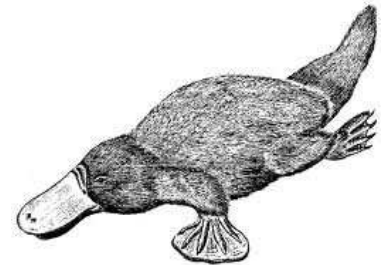
Stephan Pomp (UU)

Theory, evaluation and application (3 days):

Arjan Koning (NRG),

Eric Bauge (CEA),

Dimitri Rochman (NRG),



Week 2

Data handling, data needs, future reactor systems (1.5 days):

Hans Henriksson (Vattenfall)

Laborations at two reactors (1 day):

Szabolcs Czifrus (BME),

Tamás Belgya (IKI)



Accelerator-based laboration (1 day)

András Fenyvesi (ATOMKI, Debrecen)





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Practical

The course is sponsored by ANDES
which reduces the course participation fee to 1400 Euros.

Besides lectures, this includes:

- all reactor and computer labs
- accommodation
- all excursions
- several nice dinners

The participants will have to make their own travel arrangements to and from Budapest.

How to apply

send CV (1-2 pages), incl. work address and contact information,
plus a brief description (max 200 words) of your current work
by email to Stephan Pomp stephan.pomp@physics.uu.se.

Deadline for applications is May 1, 2012.

The maximum number of participants is 22.

Notifications about participation will be send out during first half of May and
the course fee will have to be paid by June 1, 2012.

<http://www.physics.uu.se/tk/en/content/extend-2012-andes-summer-school-0>
(or google: andes+extend+2012)

The screenshot shows a Mozilla Firefox browser window displaying the website for the Department of Physics and Astronomy at Uppsala University. The page is titled "Applied Nuclear Physics" and features a navigation menu with options like "DIVISION HOME", "EDUCATION", "RESEARCH", "MORE ABOUT US", "LATEST NEWS", and "EXTEND". The main content area is titled "EXTEND 2012 - The ANDES summer school" and provides details about the European school on EXperiments, Theory and Evaluation of Nuclear Data (EXTEND) held in Budapest, Hungary, from September 17-28, 2012. It mentions the school is organized within the FP7 EU project ANDES and will be held at the Institute of Nuclear Techniques (INT) in Budapest. The course is sponsored by ANDES, reducing the participation fee to 1400 Euros. A list of included services includes reactor and computer labs, accommodation, excursions, and dinners. The page also includes a sidebar with navigation links and a search bar at the top right.

EXTEND 2012 - The ANDES summer school | Avdelningen för tillämpad kärnfysik - Mozilla Firefox


File Edit View History Bookmarks Tools Help

EXTEND 2012 - The ANDES summer school | ... +

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 UPPSALA UNIVERSITET

Department of Physics and Astronomy

Applied Nuclear Physics

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EXTEND 2012 - The ANDES summer school

The European school on EXperiments, Theory and Evaluation of Nuclear Data (EXTEND) is going to be held during

September 17 - 28, 2012

in Budapest, Hungary.

The school is organized within the FP7 EU project ANDES (Accurate Nuclear Data for nuclear Energy Sustainability).

The school will be held at the [Institute of Nuclear Techniques \(INT\)](#), located centrally downtown [Budapest](#), Hungary. During the course we will, e.g., make use of the [training reactor](#).

The course is sponsored by ANDES which reduces the course participation fee to 1400 Euros. Besides lectures, this includes:

- all reactor and computer labs (see [course content](#))
- accommodation
- all excursions (see [schedule](#))
- several nice dinners

The participants will have to make their own travel arrangements to and from Budapest.



Go to calendar



Go to country



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Login OK[forgot your password?](#)[Home](#) / ENEN Database (search)

E&T COURSE

MASTER PROGRAM

PROPOSED PhD TOPIC

OPPORTUNITIES

SHEET 1 OF 0

All results (0)

BASIC INFORMATION

Last update : 2012-04-03

Title : EXTEND 2012 - The ANDES summer school**Country :** Hungary**Organisation :** UU**Language :** English**Venue :** Budapest**Start date :** Monday 17 September 2012**Start date :** Friday 28 September 2012**ENEN European Master :** No

COURSE DETAILS

The European school on EXperiments, Theory and Evaluation of Nuclear Data (EXTEND) is going to be held during September 17 - 28, 2012 in Budapest, Hungary.

The school is organized within the FP7 EU project ANDES (Accurate Nuclear Data for nuclear Energy Sustainability).

The school will be held at the Institute of Nuclear Techniques (INT), located centrally downtown Budapest, Hungary. During the course we will, e.g., make use of the training reactor.

ADMINISTRATIVE INFORMATION

Tuition fee :

The course is sponsored by ANDES which reduces the course participation fee to 1400 Euros. Besides lectures, this includes:

- all reactor and computer labs (see course content)

**EXTEND is advertized
on the ENEN website**

:: ORGANISATION

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- ▶ **Some Useful Links**

:: SEARCH

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Calendar of Nuclear Physics Events in 2012/2013

2012

- | | |
|-------------|---|
| April 15-19 | <p>Newport News, VA, USA
 Beam Instrumentation Workshop (BIW12)
 http://www.umd.jlab.org/conferences/BIW12/</p> |
| April 15-20 | <p>Palaiseau, France
 6th International Conference on Quarks and Nuclear Physics (QNP2012)
 http://qnp2012.sciencesconf.org/</p> |
| April 16-28 | <p>Cargèse, France
 Cargèse International Energy Frontier QED
 http://qed2012.cnrs.fr/</p> |
| April 17-20 | <p>Maastricht, The Netherlands
 2nd European Energy Conference
 http://energy-conference.eu/</p> |
| April 23-25 | <p>Mol, Belgium
 Detailed decay spectroscopy at ISOL@MYRRHA
 http://www.sckcen.be/en/Events/ISOL_MYRRHA_APRIL2012</p> |
| May 7-11 | <p>München, Germany
 Gamma-ray Bursts 2012
 http://www.mpe.mpg.de/events/GRB2012/?pg=Registration</p> |
| May 13-16 | <p>Erbismühle - Weilrod, Germany
 FUSHE 2012 - ENSAR-ECOS Workshop on Future SuperHeavy Element Strategy
 http://www.ensarfp7.eu/workshops/fushe2012/</p> |
| May 20-25 | <p>Abano Terme, Padova, Italy
 EUROIB2012</p> |

**EXTEND is advertized
on the NuPECC website**