

Emphasis will be put on informal discussions and exchange of ideas. As foregoing workshops organized by Czech geophysicists proved, the Castle of Zahradky provides excellent conditions for this purpose.

Conveners:

- Ales Spicak, Geophysical Institute, Prague
- Ondrej Cadek, Charles University, Prague
- Robert Engdahl, Univ. of Colorado & IASPEI
- Gerald Schubert, UCLA

Potential participants are requested to kindly fill in the pre-registration form and return it by February 28 at the latest. The accommodation capacity of the Castle of Zahradky is limited up to 80 persons, therefore sooner applications have greater chance to be accepted. The second circular with more details about the workshop will be issued during April 2000.

We will do our best to keep the conference fee below US \$ 600 and below US \$ 200 for students. This will include accommodation and full board for 5 days at the Castle, social programme and conference materials. For accompanying persons, the fee will be about US \$ 350.

Any request for additional information should be sent to the following address:

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IASPEI Commission on Education and Outreach
www.seismo.com/iaspei

WORKSHOP / SUMMER SCHOOL 2002

Structure and Tectonics of Active Convergent Margins

FIRST ANNOUNCEMENT

www.ig.cas.cz/Confer/convergent.html

July 1-6, 2002

CZECH REPUBLIC

Castle of Zahradky

The **Geophysical Institute**, Academy of Sciences
of the Czech Republic, **Prague**
together with
the **Department of Geophysics** at the
Faculty of Mathematics and Physics, Charles University, **Prague**
and
IASPEI Commission on Education and Outreach
organize a workshop
**STRUCTURE AND TECTONICS
OF ACTIVE CONVERGENT MARGINS.**

Date: July 1-6, 2002

Place: CZECH REPUBLIC – Castle of Zahradky, 19th century
castle in one of the Cenozoic volcanic provinces of the Bohemian
Massif , about **60 km north of Prague**

Objective: The workshop/summer school is aimed at exchange of the
latest results of research related to dynamics of active convergent margins,
namely to the process of subduction, and at providing M.Sc. and Ph.D.
students modern views and summaries on this problem. The topics
presented and discussed at the workshop/summer school will be as follows:

- onset and cyclicity of subduction
- subduction, seismicity pattern and volcanism
- slabs imaged by seismic tomography
- deep earthquakes
- constraints on slab dynamics from focal mechanism studies
- characteristics of individual convergent regions
- slab rheology, phase transforms, numerical modelling of the process of subduction

The meeting will be divided into several oral and poster sessions. The
intention of the organizers is to start each session with an invited
contribution, which will be followed by shorter contributions (not longer
than 15 minutes).

The following top experts in the above-mentioned fields will give the
invited contributions:

Robert Engdahl (Univ. of Colorado & IASPEI):

Advances in global earthquake location

Rob van der Hilst (MIT):

A survey of global subduction zones

Gerald Schubert (UCLA):

The onset of subduction

Klaus Regenauer-Lieb (ETH Zurich):

On the initiation of subduction: the solid-mechanical perspective

Stephen Kirby (USGS Menlo Park):

Intermediate depth and deep earthquakes

Craig Bina (Northwestern Univ., Illinois):

Slab mineralogy

Harry W. Green, II (Univ. of California Riverside):

Multiple high-pressure faulting mechanisms and their potential roles in
earthquakes at depth

Heidi Houston (UCLA):

Observations of deep earthquakes and implications for mechanisms of
rupture

Rachel Abercrombie (Harvard Univ.):

Constraints on slab dynamics from focal mechanism studies

Jonathan Lees (Univ. of North Carolina):

Implications of slab tear on geodynamics, seismology and volcano
geochemistry

Raul Madariaga (ENS Paris):

Interplate and intraplate earthquakes in subduction zones

Wim Spakman (Utrecht Univ.):

Different styles of subduction inferred from global tomography

Shun-ichiro Karato (Yale Univ.):

Slab rheology

Marie-Pierre Doin (ENS Paris):

Modelling oceanic subduction

Robert Hall (Royal Holloway Univ. of London):

The Cenozoic history of subduction in SE Asia and the SW Pacific

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**Czech Republic
Castle of Zahradky
July 1-6, 2002**

PRELIMINARY REGISTRATION FORM

Name and surname:

Organization:

Address:

City:

Country:

Phone: FAX:

E-mail (strongly recommended):

Intention to present contribution: oral _____, poster _____

Preliminary title:

Accompanying person:

Date:

send to: als@ig.cas.cz
Ales Spicak, Geophysical Institute
Bocni II
141 31 Praha 4, Czech Republic

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