

**Institute of Geophysics, Academy of Sciences of the Czech Republic, Prague**  
**Consortium "Seismic Waves in Complex 3-D Structures", Department of Geophysics, Faculty of**  
**Mathematics and Physics, Charles University in Prague**

# **WORKSHOP MEETING**

## **SEISMIC WAVES IN LATERALLY**

### **INHOMOGENEOUS MEDIA**

#### **VII**

**Teplá Premonstratensian Monastery**  
**Czech Republic**  
**June 21-26, 2010**



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### **FIRST CIRCULAR**

**(UPDATED)**

The Institute of Geophysics, Academy of Sciences of the Czech Republic, Prague, together with the Consortium "Seismic Waves in Complex 3-D Structures", Department of Geophysics, Faculty of Mathematics and Physics, Charles University in Prague, organize a workshop "SEISMIC WAVES IN LATERALLY INHOMOGENEOUS MEDIA VII" on June 21-26, 2010. The workshop will take place at the Teplá Premonstratensian Monastery in western Bohemia.

As in the previous workshops held under the same name in the Liblice Castle in 1978, 1983 and 1988, in the Třešť Castle in 1995, in the Zahrádky Castle in 2000, and in the Hrubá Skála Castle in 2005, also this one will mainly deal with theoretical and computational aspects of seismic wave propagation in complex structures, and with applications involving these aspects in seismology and seismic exploration.

The main topics of the workshop will be forward and inverse modelling of seismic wave fields in laterally inhomogeneous, isotropic and anisotropic, elastic and anelastic structures. The workshop will be divided into several oral and poster sessions. The length of talks will be 20 min. (15 min. presentation, 5 min. discussion).

As always, emphasis will be put on informal discussions and exchange of ideas. As the previous Castles, the Teplá Premonstratensian Monastery provides excellent conditions for this purpose. Those interested in participation are requested to kindly fill in the registration form and return it by e-mail by January 31, 2010 at the latest. The accommodation capacity of the Teplá Premonstratensian Monastery is limited, therefore sooner applications have greater chance to be accepted. The second circular with more details about the workshop will be issued during February 2010.

The conference fee will be about EUR 550. This includes accommodation and full board for 5 days at the Castle, social programme, transportation, conference materials and publication of special issue of journal *Studia geophysica et geodaetica*. For accompanying persons, the fee will be about EUR 300.

For more information refer to:

<http://sw3d.cz/swlim>