



## **WORKSHOP: Geophysical methods in cryospheric research**

**Day 1** (12.01.2015): Lecture session (5,5h) in Sosnowiec (**10:30**):

- Prof. Adam Idziak -Introduction to geophysics – 1h
- Dr. Javier Lapazarán - Radio-echo soundings in glaciology – 1,5h
- Prof. Adam Idziak -Seismics and electromagnetics in environmental applications – 1,5h
- Prof. Zdenek Kalab - Geophysical survey for glacial and other deposits – 1,5h
- ca. 18:00 bus to Korbielów (Jontek - <http://www.pilsko.org>)

**Day 2** (13.01.2015): field session (5h) in Beskidy Mountains (Pilsko, Korbielów):

- Dr. Mariusz Grabiec, Dr. Javier Lapazarán: Application of high and low frequency radar soundings – 5h / Group 1
- Dr. Iwona Stan-Kłeczek, Prof. Zdenek Kalab - Practical aspects of seismics - 5h / Group 2
- Dr. Marta Kondracka - Electroresistivity soundings - 5h / Group 3

**Day 3** (14.01.2015): field session (5h) in Beskidy Mountains (Pilsko, Korbielów):

- Dr. Mariusz Grabiec, Dr. Javier Lapazarán: Application of high and low frequency radar soundings – 5h / Group 2
- Dr. Iwona Stan-Kłeczek, Prof. Zdenek Kalab - Practical aspects of seismics - 5h / Group 3
- Dr. Marta Kondracka - Electroresistivity soundings - 5h / Group 1



**Day 4 (15.01.2015):** field session (5h) in Beskidy Mountains (Pilsko, Korbielów):

- Dr. Mariusz Grabiec, Dr. Javier Lapazaran: Application of high and low frequency radar– 5h / Group 3
- Dr. Iwona Stan-Kłeczek, Prof. Zdenek Kalab - Practical aspects of seismics - 5h / Group 1
- Dr. Marta Kondracka - Electroresistivity soundings - 5h / Group 2
- ca. 17:00 bus to Sosnowiec

**Day 5 (16.01.2015):** Data processing session (6,5h) in Sosnowiec:

- Dr. Jolanta Pierwoła : Electroresistivity 2,5h (Group 1/Group 2)
- Dr. Iwona Stan-Kłeczek - Seismic - 2,5h (Group 2/Group 1)
- Dr. hab. Wojciech Dobiński - Application of geophysics in periglacial environment – 1,5h

**Day 6 (17.01.2015):** Data processing session (6h) in Sosnowiec:

- Dr. Javier Lapazaran: Reflection radio-echo soundings of deep structures – 2.5h (Group 1/Group 2)
- Dr. Mariusz Grabiec – Radar soundings of shallow structures – 2.5h (Group 2/Group 1)
- Prof. Adam Idziak, Dr. Javier Lapazaran, Dr. hab. Wojciech Dobiński, Dr. Mariusz Grabiec, Prof. Zdenek Kalab – Summary- 1h
- end ca. 17:00