



AGH

SPINAKEK

- INTENSIVE INTERNATIONAL EDUCATION PROGRAMS

Second edition of International School at AGH UST

Practical aspects of groundwater quality
monitoring – from sampling to analysis
and interpretation of results
Katarzyna Wątor, PhD



11.05.2023 Thursday

on-line meeting component, Platform: Microsoft Teams

16:00 p.m. - 17:30 p.m. Faculty of Geology, Geophysics and
Environmental Protection – introduction.
Krakow, Belgrade, Sarajevo Mineral, thermal and curative water
time (UTC+2) in Poland (2h)

12.05.2023 Friday

on-line meeting component, Platform: Microsoft Teams

12:00 p.m. - 13:30 p.m. „Get to know Poland”
Krakow, Belgrade, Sarajevo A short introduction to Polish culture,
time (UTC+2) geography, history and language” (2h)
(Paweł Świerk /
Aleksandra Perkins-Oleszkowicz)

14.05.2023 Sunday - Arrival

15.05.2023 Monday

(Venue: lobby in the A-O, main building, A. Mickiewicza 30 Ave., 30-059 Krakow)

9:00 a.m. - 12:00 p.m. Walking tour of the Old Town in Krakow
under „Get to know Poland” A short
introduction to Polish culture, geography,
history and language” (Paweł Świerk /
Aleksandra Perkins-Oleszkowicz) (4h)

(Venue: room 010; A-O, main building, A. Mickiewicza 30 Ave., 30-059 Krakow)

13:30 p.m. - 16:30 p.m. Cooperation with a research laboratory
in the designing and implementation of
experiments (4h)

16.05.2023 Tuesday

(Venue: The Main Library of AGH University of Krakow,

30 Mickiewicz Ave., building U-1)
10:00 a.m. - 10:30 a.m. Official welcome and presentation of
SPINAKEK programme
10:30 a.m. - 13:30 p.m. Campus tour
(Venue: room 010; A-O, main building, A. Mickiewicza 30 Ave., 30-059 Krakow)
14:30 p.m. - 16:45 p.m. QA/QC in groundwater monitoring
– example (3h)

17.05.2023 Wednesday

(Venue: lobby in the A-O, main building, A. Mickiewicza 30 Ave., 30-059 Krakow)

9:00 a.m. - 12:45 p.m. Sampling of mineral, thermal and
curative water samples – practical
aspects, QA/QC (field works) (5h)

(Venue: lobby in the A-O, main building, A. Mickiewicza 30 Ave., 30-059 Krakow)

13:00 p.m. - 16:00 p.m. „Get to know Poland”
A short introduction to Polish culture,
geography, history and language” (4h)
(Paweł Świerk /
Aleksandra Perkins-Oleszkowicz)

18.05.2023 Thursday

(Venue: room 017 – Hydrogeochemical Laboratory, A-O, main building, A. Mickiewicza 30 Ave., 30-059 Krakow)

9:00 a.m. - 12:45 p.m. Testing of mineral, thermal and curative
water samples – practical aspects,
QA/QC (laboratory works). Accredited
hydrogeochemical laboratory of
AGH UST (5h)

(Venue: room 017 – Hydrogeochemical Laboratory, A-O, main building, A. Mickiewicza 30 Ave., 30-059 Krakow)

14:30 p.m. - 17:30 p.m. Testing of mineral, thermal and curative
water samples – practical aspects,
QA/QC cont. (laboratory works).
Hydrogeochemical data verification,
types of errors (computer classes) (4h)

19.05.2023 Friday

(Venue: room 312; A-O, main building, A. Mickiewicza 30 Ave., 30-059 Krakow)

9:00 a.m. - 12:45 p.m. Methodological aspects of groundwater
and curative water quality assessment
– control charts, trend assessment
(presentation, computer classes) (5h)

(Venue: room 312; A-O, main building, A. Mickiewicza 30 Ave., 30-059 Krakow)

14:30 p.m. - 16:00 p.m. Methodological aspects of groundwater
and curative water quality assessment
– control charts, trend assessment
(presentation, computer classes) (2h)

20.05.2023 Saturday

8:15 a.m. Pick up from U-2 building
9:00 a.m. Ojców National Park trip