

Invitation
to the
Symposium of Network of Hungarian Mössbauer Laboratories 2026

Date and time: 23th April 2026; 13:00 CEST (GMT+02:00, UTC+02:00).

Location: HUN-REN Wigner Research Centre for Physics, Building 3, council room.

Konkoly-Thege Miklós street 29-33, 1121 Budapest, Hungary

Join Zoom Meeting:

<https://wigner-hu.zoom.us/j/82132579649?pwd=O919F01egOT7nBLBxrXTDnSllXLuaS.1>

Meeting ID: 821 3257 9649

Passcode: 930728

Join instructions

<https://wigner->

[hu.zoom.us/join/82132579649/invitations?signature=4ZX19aBSeQJ47RoWD0LRbUFoJom5dgkRXvH-xeVWkZw](https://wigner-hu.zoom.us/join/82132579649/invitations?signature=4ZX19aBSeQJ47RoWD0LRbUFoJom5dgkRXvH-xeVWkZw)

Scientific Programme

1st Section

Chair: *Attila Lengyel*

13:00 - 13:30

Jakub Navařík

(Iron Analytics s.r.o., Czech Republic)

Newest industrial applications and developments of Mössbauer spectroscopy

13:30 - 14:00

Dániel Merkel

(HUN-REN Wigner Research Centre for Physics, Hungary)

The FeRh story: past, present and future

14:00 - 14:30

Zoltán Klencsár

(HUN-REN Centre for Energy Research, Hungary)

How recommended nuclear magnetic moment values for the ground and first excited states of ^{57}Fe have evolved: a historical perspective and its implications

14:30 - 15:00

Károly Lázár

(HUN-REN Centre for Energy Research, Hungary)

Approaches in interpretation of Mössbauer spectra - $\text{Fe}^{2+}/\text{Fe}^{3+}$ ratios and interlaboratory studies

15:00 - 15:30

Coffee break

2nd Section

Chair: *Dániel Merkel*

15:30 - 16:00

Shiro Kubuki

(Tokyo Metropolitan University, Japan)

“Mössbauer Study on Functional Oxide Glasses and Nanoparticles Applied to Secondary Battery Electrodes and Wastewater Photocatalysis”

16:00 - 16:30

Mátyás Kudor

(Eötvös Loránd University, Hungary)

“⁵⁷Fe, ¹⁵¹Eu Mössbauer and XRD study of rare earth containing goethite composites”

16:30 - 17:00

Kende Béres

(HUN-REN Research Centre for Natural Sciences, Hungary)

Synthesis of Controlled Nanoscale Fe-Cr Oxides from [Hexakis(urea-O)iron(III)] Dichromate by Quasi-Intramolecular Redox Reaction