

May 7, 2025 – Wednesday

18:30 **Speaker's dinner – by invitation only**
Kéhli Vendéglő Óbuda, Mókus u. 22. Transportation will be provided from the MTA Headquarters at 18:00 pm.

May 8, 2025 – Thursday

9:00 – 9:05 **Gábor Tigyi and István Módy** – Welcome by the organizers

9:05 – 9:30 **Tamás Freund**, President of MTA – Opening remarks and presentation of prizes

9:30 – 10:00 **János Sztipanovics**, External Member – VI. Section of Engineering Sciences – Convergence across physics, biology and computing. The benefits we reap and the price we pay.

10:00 – 10:30 **Miklós Bodor**, External Member – VII. Section of Chemical Sciences – Recent successes of retrometabolic drug design

10:30 – 11:00 **Coffee Break**

11:00 – 12:00 **László Lovász (2021 Abel Prize) Plenary talk** – Diszkrét vagy folytonos matematika? / Discrete or continuous mathematics?

12:00 – 12:30 **Pál Maliga**, External Member – VI. Section of Agricultural Sciences – Chloroplast genome engineering: history and the road ahead

12:30 – 13:00 **Judit Pál**, External Member – VII. Section of Philosophy and History – A hagyományos elit továbbélése: az arisztokrácia politikai szerepe a dualizmus korában / The survival of the traditional elite: the political role of the aristocracy in the dualist era

13:00 – 14:30 **Lunch Break**

14:30 – 15:00 **Éva Tardos**, External Member – III. Section of Mathematical Sciences – Stability and learning in strategic games

15:00 – 16:00 **May-Britt Moser (2014 Nobel Prize in Physiology and Medicine) Plenary talk** – Spatial maps in entorhinal cortex and their origin

16:00 – 16:30 **Coffee Break**

16:30 – 17:00 **Gábor Tari**, External Member – X. Section of Geological Sciences – Natural hydrogen exploration: quo vadis?

17:00 – 18:00 **Aaron Ciechanover (2004 Nobel Prize in Chemistry) Plenary talk** – The revolution of personalized medicine - are we going to cure all diseases and at what price?

19:00 **Gala Dinner** – Academy Club, 1st floor of the MTA Headquarters Building

May 9, 2025 – Friday

9:00 – 9:30 **Albert-László Barabási**, External Member – XI. Section of Physical Sciences –
Network science: decoding the architecture of complexity

9:30 – 10:00 **György Buzsáki**, External Member — VIII. Section of Biological Sciences –
How do we remember?

10:00 – 10:30 **Csilla Gábor**, External Member – I. Section of Linguistics and Literature –
On the international embeddedness of early modern Hungarian literature.
Theoretical considerations and a case study

10:30 – 11:00 **Coffee Break**

11:00 – 12:00 **Katalin Karikó** (*2023 Nobel Prize in Physiology and Medicine*) *Plenary talk* –
Developing mRNA for therapy: my journey

12:00 – 13:00 **Edvard Moser** (*2014 Nobel Prize in Physiology and Medicine*) *Plenary talk* –
Population dynamics of grid cells and place cells – from space to time

13:00 – 14:00 **Lunch Break**

14:00 – 14:30 **Gyöngyi Szabó**, External Member – V. Section of Medical Sciences –
The power of translational research in liver diseases – what science accomplished
in the past 30 years

14:30 – 15:00 **Zoltán Ács**, External Member – IX. Section of Economics and Legal Sciences –
The global contribution of Hungarian economists

16:00 – 19:00 **Departure/Arrival** from Budapest to Villány

19:30 **Dinner and wine tasting** – Bock Winery, Villány

May 10, 2025 – Saturday

11:00 – 14:00 **Departure/Arrival** from Villány to Budapest