CURRICULUM VITAE (May, 2022)

Contact: kaptay@hotmail.com, phone: +36 30 415 0002.

Name: György (George) KAPTAY   **Nationality**: Hungarian

Degrees obtained:

      1984: Engineer in Metallurgy (Leningrad),

      1988: Candidate of Sciences in Metallurgy (Leningrad),

      1999: Dr. habil (University of Miskolc),

      2005: DSc. (Hungarian Academy of Sciences),

      2016: Corresponding member of the Hungarian Academy of Sciences (MTA),

      2022: Full member of MTA.

Languages: Hungarian (mother tongue), Russian (1984), English (1992).

Current Post: full professor at university of Miskolc + senior researcher at Bay Zoltan Ltd.

Courses held for undergraduate and graduate students:

      i. Interfacial (nano-) phenomena in materials (BSc, MSc, PhD),

      ii. Equilibrium of materials (BSc, MSc),

      iii. The Art of Doing Science (PhD).

Supervisor of diploma works for **MSc degree:** 34.

Ph.D. degrees received under his supervision: 14.

Research interests: i. Chemical Thermodynamics, ii. Surface Science, iii. Electrochemistry and Chemistry in Molten Salts, iv. Nanotechnology and nano-sciences, v. Modeling thermophysical properties, vi. Industrial application, vii. Metrology, viii. Scientometrics.

Independent citations: above 4,000.

h-index = 31 (from independent citations), h = 26 (Scopus, WoS), h = 35 (Google Scholars).

Patents: 12 patents filed; 11 in Hungary, including extensions to EU (4), USA (2), China (1),

        Russia (1) + 1 Ukrainian patent.

Some scientific posts:

i. Excecutive Officer of FEMS (2006-2011),

ii. President of Hungarian Society of Materials (MAE, since December 2013),

iii. President of MTA-MAB (since 2020) (MAB = Noth-Esatern Committee).

Some recent prizes:

i. Order of Knighthood from the President of the Hungarian Republic (2006),

ii. CALPHAD Best Paper Award (2014).

iii. Excellence in Reviewing from Acta Mater (2016),

iv. Banki Donat Medal from Budapest University of Technology (2021),

v. Scientific medal "Otto Hermann" from the city of Miskolc (2022),

vi. Szechenyi prize, from the president of Hungary (2023).