



Europass – Curriculum vitae

Personal data

Name/first name **KRISTÓF János**
Address **H-8200 Veszprém, Vajda János u. 10., Hungary**
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E-mail **kristof@almos.vein.hu**
Citizenship **Hungarian**
Place/date of Birth **Gödöllő, January 3, 1950.**

Type of application **Full professor**

Work experience

Duration **42 years**
Positions **Full professor (1998 -)
Pro-rector (2001 - 2011)
Department head (2003 -)
Associate professor (1991 – 97)
Assistant professor (1974-90)**
Main activities **Teaching, research, management (education and research)**
Employer's name and address **University of Pannonia, Egyetem 10, H- 8200 Veszprém, Hungary**
Type of activity **University professor at a higher educational institution**

Education and training

Period **5 years, between 1969 and 1974**
qualification/title **Master degree in chemical engineering, Veszprém University of Chemical Engineering (18/1974)
Candidate of Chemical Sciences, Hungarian Academy of Sciences (12.414/1988)
Doctor of Chemical Sciences (DSc), Hungarian Academy of Sciences (3.375/1995 MTA)
Habilitation in analytical chemistry, University of Veszprém (VE 1995)**
Name and type of educational institution **Veszprém University of Chemical Engineering (currently University of Pannonia)**

Personal skills and competencies

Mother tongue	Hungarian
Other language	High level state exam with heavy industry specialization (Sz9460/1983), technical interpreter and translator

Science organization at national level

- Representative of the General Assembly of the Hungarian Academy of Sciences (HAS) (chemistry discipline)
- Member of the Chemical Doctoral Committee of the HAS
- Elected member of the Analytical and Environmental Chemical Committee of the HAS
- Member of the Working Committee for Thermal Analysis of the HAS
- Member of the Working Committee for Spectrochemistry of the HAS
- Co-president of the Spectrochemical Society of the Hungarian Chemical Society
- President of the Thermoanalytical Group of the Hungarian Chemical Society
- Board member of the Hungarian Clay Mineral Society
- Head of the Chemical Engineering and Materials Science Doctoral School of the University of Pannonia

Science organization at international level

I. Activities in international organizations

- National representative of the International Confederation for Thermal Analysis and Calorimetry
- Member of the Editorial Board of the Journal of Thermal Analysis and Calorimetry

II. Referee for international Journals

- Journal of Thermal Analysis and Calorimetry
- Langmuir
- Clays and Clay Minerals
- Applied Clay Science
- Thermochemica Acta
- Journal of Colloid and Interface Science
- Spectrochimica Acta A
- International Journal of Polymer Science
- Journal of Analytical and Applied Pyrolysis

III. Organization of international conferences (chairman, co-chairman, board member, editor of abstract book)

- 1st Journal of Thermal Analysis and Calorimetry and 6th V4 Thermoanalytical Conference (2017)
- 8th Mid-European Clay Conference (2016)
- 5th Mid-European Clay Meeting (2010)
- XXXVI. Colloquium Spectroscopicum Internationale (2009)
- 1st Joint Czech-Hungarian-Polish-Slovakian Thermoanalytical Conference (2007)
- „MECC'04” Mid-European Clay Conference (2004)
- Third Mediterranean Clay Meeting (2002)
- XVIIIth International Conference on Raman Spectroscopy (2002)
- 7th Austrian-Hungarian International Conference on Vibrational Spectroscopy (1999)
- 7th European Symposium on Thermal Analysis and Calorimetry (1998)
- XXIII. European Congress on Molecular Spectroscopy (1996)
- Symposium über Thermische Analyse (1995)
- 10th International Conference on Fourier Transform Spectroscopy (1995)
- 6th Austrian-Hungarian International Conference on Vibrational Spectroscopy (1994)
- 4th International Symposium on Ion Exchange (1980)

IV. Preparation/organization/leading of scientific projects

- Projects on infrastructure development (organization of research-level vibrational spectroscopic laboratory, development of regional instrument center, development of contamination prevention center): OMF-01836/2002, **11,2 Million HUF**; MU-00290/2001, **42 Million HUF**
- Operative Program for Economic Competence (GVOP) projects (development of electronic components, supervision of electronic parts and components): GVOP-3.1.1.-0029/3.0, 2005-2007, **63 Million HUF**; GVOP-3.2.2.-2004-07-0022/3.0, **15 Million HUF**
- Hungarian Research Fund (OTKA) project leader (development of electrocatalysts, investigation of oxide-based coating systems): T034355, 2001-2003, **3.9 Million HUF**; K062175, 2005-2009, **13 Million HUF**
- **Social Renewal Operative Projects (TÁMOP): TÁMOP 4.2.2. (Liveable environment, healthier people) Project leader, 695 Million HUF**
- **TÁMOP 4.2.1.B (Mobility and the Environment) Project leader, 1600 Million HUF**
- **TÁMOP 4.1.1.1.C (Higher Educational cooperation for the water sector), Project leader, 1,3 Million HUF**

Engineering skills and competencies	<p>I. Realized patents</p> <ul style="list-style-type: none"> - Hungarian Patent No. 174783 (thermoanalytical instrument) - Hungarian Patent No. 186613 (surface degreasing composition) <p>II. Technical advisor activity</p> <ul style="list-style-type: none"> - Armant Partnership Co. Ltd., Louisiana, USA, carbo-chlorination plant, analyst (1983) - High-concentration nitric acid plant, Pétfürdő, Mitsui Engineering and Shipbuilding Co.Ltd., consultant (1983-84) - Inota Aluminium Smelter, introduction of the dry anode technology, Sumitomo Aluminum Co. Ltd., consultant (1987-88) - Erection of waste water treatment plant, Pétfürdő, Rosenlew Co. Ltd., consultant (1985-86) - Development of electronic components, Epcos Electronic Parts and Components Co. Ltd., Szombathely, consultant (2007-2009) - Aluminum Technologies, Vacherie, USA, consultant (2015-) <p>III. Supervision of PhD and MSc students (22 students)</p> <p>IV. Opponent of DSc and PhD works</p> <ul style="list-style-type: none"> - Italy (4 persons) - Sveden (3 persons) - Australia (1 person) - Hungary (11 persons) <p>V. Book reviews</p> <ul style="list-style-type: none"> - Shmuel Yariv-Harold Cross (Eds.): Organo-Clay Complexes and Interactions, Marcel Dekker, Inc., New York, 2002, pp.688. - Michael E. Brown- Patrick K. Gallagher (Eds.): Handbook of Thermal Analysis and Calorimetry, Vol. 2, Applications to Inorganic and Miscellaneous Materials. Elsevier, Amsterdam, 200. pp.905
Teaching activity (topics taught for BSc and MSc students)	<ul style="list-style-type: none"> - Chemical analysis - Structure elucidation methods - Thermal analysis - Spectroscopy - Modern surface analysis techniques - Environmental analytical chemistry - English technical writing
Publication activity	<ul style="list-style-type: none"> - 182 papers in refereed journals, 252 cumulative impact factors - 179 presentations at scientific conferences - 2100+ independent citations - 10 textbooks
Decorations	<ul style="list-style-type: none"> - László Méray Award (2005) Knight's Cross of the Republic of Hungary (2006) Award for National Defense, 2nd Class (2008) Award for Environmental Engineering Higher Education (2008) Albert Szent-Györgyi Award (2012) Miklós Preisich Award (2015)