Profesijný životopis

Meno a priezvisko, rodné priezvisko, akademický titul, vedecko-pedagogický titul alebo umelecko- pedagogický titul a vedecká hodnosť	Olivier Monfort, Mgr., PhD.
Dátum a miesto narodenia	1990 in Vannes (France)
Vysokoškolské vzdelanie a ďalší akademický rast	**2017**: PhD in Inorganic Chemistry (Comenius University, FNS) **2013**: „Mgr" in Inorganic Chemistry (Comenius University, FNS)
Ďalšie vzdelávanie	**2021**: Qualification of VKS IIa in Chemistry (Slovak Academy of Sciences) **2019**: Qualification of MCF („Maitre de Conference") in Theoretical, Physical and Analytical Chemistry (French National Council of Universities)
Priebeh zamestnaní	**2019-present: department of Inorganic Chemistry, FNS, CU** University Teacher and Professional Assistant **2018-2019: Université Clermont Auvergne, France** Post-doctoral researcher and Teacher **2017-2018: Ecole Nationale Supérieure de Chimie de Rennes, France** Post-doctoral researcher and Teacher
Priebeh pedagogickej činnosti (pracovisko/predmety)	**Department of Inorganic Chemistry, FNS, CU** "Inorganic Chemistry 2" (lectures): BSc students "Chemical Calculations 1" (seminars): BSc students "Colloquium in Inorganic Chemistry" (seminars): BSc students "Techniques in Laboratory" (laboratory exercises): BSc students "Inorganic Chemistry 1" (laboratory exercises): BSc students "Sol-Gel Methods" (lectures): MSc students "Characterization Methods" (lectures): MSc students "Advanced Inorganic Chemistry" (laboratory exercises): MSc students **Université Clermont Auvergne, France** "Organic, Inorganic and Thermodynamic Chemistry" (laboratory exercises): BSc students **Ecole Nationale Supérieure de Chimie de Rennes, France** "Environmental Chemistry" (lectures): MSc students **Summer schools** Chemistry and Environmental Sciences 2018 (lectures) Chemistry and Environmental Sciences 2019 (lectures and laboratory exercises) **Supervisor (in Slovakia):** 1x PhD student, 1x MSc. student and 1x BSc. student **Co-supervisor (in France):** 2x PhD students, 1x MSc students and 2x BSc students
Odborné alebo umelecké zameranie	**Scientific skills** Photoactive materials; AOPs; photocatalysis; Fenton; transition metal oxides; water treatments **Scientific and mobility projects** Principal investigator: 1) French Embassy & French Institute of Slovakia [ongoing]: Consolidation of FR-SK collaboration with Institut de Chimie de Clermont-Ferrand, France - „Use of solar energy for the degradation o emerging pollutants in wastewaters" 2) PARCECO 2021 [completed]: FR-SK mobility - „Inorganic compounds for environmental applications : synthesis, characterization and analysis"

	3) SAIA [completed]: PhD internship at University of Patras, Greece - „Preparation of photoanodes for the production of H_2 by H_2O splitting in PEC cells“ 4) GUK [completed]: - UK/46/2016 „Preparation of new modified BiVO4 films with improved photocatalytic properties in pollutant photodegradation“ - UK/313/2014 „Sol-gel preparation and characterization of vanadium oxides thin films with photocatalytic properties“ <u>Team member</u>: 1) VEGA 1/0062/22 [ongoing]: „New generation of chemiresistive gas sensors with capacitor-like electrode arrangement and built-in memory“ 2) VEGA 1/0276/15 [completed]: „Semiconductor oxides for applications in photocatalysis and sensors“ **Scientific duties** Editorial board member of „Processes“ open-access MDPI journal (IF – 2.847; JCR – Q2) Reviewer of 84 articles for 27 international peer-reviewed journals: Environmental Science and Technology (Nature Index Journal), Chemical Engineering Journal (IF – 10.652), Journal of Hazardous Materials (IF – 9.038), Science of the Total Environment (IF – 6.551), Applied Surface Science (IF – 6.182), Catalysis Today (IF – 5.825), Chemosphere (IF – 5.778), Nanomaterials (IF – 4.324), Journal of Environmental Chemical Engineering (IF – 4.300), Catalysts (IF – 3.520), New Journal of Chemistry (IF – 3.288), Molecules (IF – 3.267), RSC Advances (IF – 3.119), Environmental Science and Pollution Research (IF – 3.056), Water (IF – 2.544), etc. Member of the Scientific Council of the Institut de Chimie de Clermont-Ferrand in 2018-2019 **Awards** - 2022: 2nd place at Falling Walls Lab Slovakia. - 2017: Top 3 of the best Flash Communication at the EAAOP5 conference, Prague in the category „Semiconductor Photocatalysis“ - 2016: Price of the Dean of the Faculty of Natural Sciences, Comenius University in Bratislava in the category „Biological and Chemical Sciences“
Publikačná činnosť vrátane rozsahu (autorské hárky) a kategórie evidencie podľa vyhlášky č. 456/2012 Z.z. 1. monografia 2. učebnica 3. skriptá	**Scientific monografies and University textbooks (4)** 1x P1: O. Monfort (100%): „Introduction to photochemical processes for environmental purposes: The case of vanadium-based oxides“ [4.69 AH – ISBN 978-80-223-5380-9] 1x ABA: O. Monfort (95%), P. Petriskova (5%): „Binary and Ternary Vanadium Oxides: General Overview, Physical Properties, and Photochemical Processes for Environmental Applications“ [6.27 AH] 2x AEC: - O. Monfort (60%), P. Lianos (20%), G. Plesch (20%): „Design of Bismuth Vanadate-Based Materials: New Advanced Photoanodes for Solar Hydrogen Generation“ [1.83 AH] - O. Monfort (50%), E. Dworniczek (20%), G. Plesch (30%): „Photocatalytic and Antimicrobial Properties of Silver Phosphate, Hydroxyapatite and Their Composites“

	Scientific articles (22) 20x ADC; 1x ADM; 1x V3 → 11 articles as first author (h-index 10) **Contributions at conferences (26)** 1x AFC; 9x AFD; 5x AFG; 3x AFH; 1x BFE; 7xBFA
Ohlasy na vedeckú / umeleckú prácu	[o1]: 232
Kontaktná adresa	

Podpis uchádzača