

CURRICULUM VITAE

PERSONAL INFORMATION

- *Name and Prenom:* **URŠKA FLORJANČIČ**
- *Date of Birth:* October 19, 1970
- *Place of Birth:* Šempeter pri Novi Gorici
- *Citizenship:* Slovenian
- *Status:* single, mother of one child

EDUCATION

- | | |
|-------------|--|
| 1989 - 1996 | University of Ljubljana, Faculty of Chemistry and Chemical Technology, Ljubljana, Slovenia
<i>Bachelor of Chemical Engineering, 1996 (Biochemical Engineering)</i>
Thesis title: The influence of surfactants and rheological additives on flow properties of water-based paints, supervised by Prof. Dr. Miha Žumer |
| 1996 - 1999 | University of Ljubljana, Faculty of Chemistry and Chemical Technology, Ljubljana, Slovenia
<i>Master of Science (M.Sc.), 1999 (Chemical Engineering)</i>
Thesis title: The rheological properties of weak gels, supervised by Prof. Dr. Miha Žumer |
| 1999 - 2002 | University of Ljubljana, Faculty of Chemistry and Chemical Technology, Ljubljana, Slovenia
<i>Doctor of Philosophy (PhD), 2002 (Chemical Engineering)</i>
Thesis title: The study of the properties of polysaccharide solutions with rheological methods, supervised by Prof. Dr. Miha Žumer |

WORK EXPERIENCE

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| 1996 - 2001 | University of Ljubljana, Faculty of Chemistry and Chemical Technology, Department of Chemical, Biochemical and Ecological Engineering, Ljubljana, Slovenia
<i>researcher, teaching assistant (Practical Course in Chemical Engineering, graduate course)</i> |
| 2002 - 2009 | University of Ljubljana, Faculty of Mechanical Engineering, Department of Mechanics of Polymers and Composites, Center for Experimental Mechanics, Ljubljana, Slovenia
<i>researcher, assistant for mechanics of time-dependent materials, project work and laboratory head</i> |
| 2009 - 2010 | JULON d.d. (Aquafil SLO d.o.o.), company for the production of polyamide filaments and granulates, Ljubljana, Slovenia
<i>head of chemical laboratory</i> |
| 2010 - 2012 | DONIT TESNIT d.o.o., company for the production of gaskets, gasket materials and providing sealing solutions, Medvode, Slovenia
<i>director for research, development and quality</i> |

- Mar 2014 – Dec 2014 Ministry of the Environment and Spatial Planning (MESP), the Environmental Agency of the Republic of Slovenia, Sector for seismology and geology, Ljubljana, Slovenia
seismologist
- 2016 – present Faculty of Industrial Engineering Novo mesto, Slovenia
Assistant Professor for Materials

WORKING SKILLS*

- R&D in Rheology, Material characterization. Morphology, Thermal analysis, Mechanical properties, Viscoelastic behaviour of polymeric materials, Polymer processing
- co-mentoring students on seminars, dissertations and theses at undergraduate and postgraduate study
- organization of Life Long Learning training on polymeric materials and technologies
- organization of seminars, conferences and workshops
- preparation and national coordination of European postgraduate school on Engineering Rheology: Erasmus Mundus Master Course »EURHEO – European Masters in Engineering Rheology«, approved in 2008
- heading laboratories for rheology, polymer processing and thermal analysis
- coordination and implementation of R&D projects with research and industrial partners
- organization of R&D&Quality Control in company
- writing skills

COMMUNITY INVOLVEMENT

- teaching catholic catechesis in at primary school level and Confirmation animator
- secretary of the Pastoral Council of the Parish Stara Loka, 2010 - 2015 and 2015 - 2020
- founding member and member of Executive Committee as secretary of The Cultural and Historical Society Lonka Stara Loka, 2014 – 2017
- co-founder of the private institution Družinska akademija - ACADEMIA FAMILIARUM, Institution for education and cultural activities based on the elements of the pedagogy of community, from 2016 on
- member of the Board of Governors of the Primary School Ivan Grohar Škofja Loka, 2014 - 2017

PERSONAL COMPETENCES

- communicative
- organisational skills
- team worker
- open to new ideas and suggestions
- sincerity, fairness

LANGUAGE SKILLS

Slovenian (fluent, mother tongue)
English (fluent)
Croatian (basic)

OTHER SKILLS

- computer skills: MS Word, Excel PowerPoint, internet
- driving licence B

PROFESSIONAL TRAINING

Jul - Aug 1992	Termo Škofja Loka – the industry pf thermal isolation, practical training
maj 2000	Phare PRAQIII <i>Modular training programme on the machine directive and its links with low voltage and electromagnetic compatibility directives</i> , lecturer Christian Schlosser, Ljubljana
okt 2000	lecture in postgraduate study entitled <i>Introduction to statistical physics and molecular dynamics of polymers</i> , lecturer Prof. dr. Anatoly A. Darinskii, Faculty of Mechanical Engineering, University of Ljubljana, Ljubljana
Mar - Aug 2001	Marie Curie Host Fellowship, offered by The European Commission under the Human Potential Programme (Improving the Human Research Potential and the Socio-economic Base) within the 5th Framework Programme <i>research training in rheo-optics at Wageningen University, The Netherlands</i>
Jun 2002	seminar on <i>Materials Characterization by Thermal Analysis (TA)</i> , Mettler-Toledo-Slovenija, lecturers Keith Racman, dr. Juergen Schawe, dr. Romana Cerc Korošec, Bled
Feb 2003	seminar on <i>Polymer Rheology and Extrusion</i> , Polydynamics Inc., lecturer Prof. dr. John Vlachopoulos, Brussels, Belgija
Jan 2009	seminar on <i>Preparation of application for tender on acquisition of new technological equipment (SPS P4)</i> , lecturer Aljoša Kocjančič, RR & CO. Knowledge Centre, Ljubljana
Nov 2010 – Aug 2011	4 several-days workshops on <i>Management training: Process of development and implementation of company's vision and strategy</i> , moderator Darko Deškovič, Management Training & Consulting, Strunjan – Bled - Preddvor
Mar 2011	workshop on <i>Assertiveness at workplace</i> , lecturer Klavdija Novak, DONIT TESNIT d.o.o., Medvode
Jun 2011	workshop on <i>Efficient leading of meetings</i> , lecturer Klavdija Novak, DONIT TESNIT d.o.o., Medvode
Aug 2011	seminar on <i>Guidance of (half)annual performance review meeting with elements of coaching</i> , trainer Olga Jeras, Tela Vital – Poslovno svetovanje in izobraževanje, Medvode
Sept 2011	training on <i>Business Coaching for Managers 1.0: Training of the managerial skills</i> , international trainer & coach, owner of BMC Branko Žunec, BMC International, Preddvor
Sept 2011	workshop on <i>Innovation and added value – From idea to performance</i> , lecturer Violeta Bulc, VIBACOM d.o.o., Medvode
Oct 2011	workshop on <i>Company's Strategic Issues & Quanty SWOT</i> , lecturer Boštjan Zdravje, SALUTAS d.o.o., Medvode

PAPERS AND CONFERENCES

See bibliography in COBISS data base (Researcher number: 18248)

* WORKING AREAS / SKILLS extended:

Project work

- preparation of project documentation and managing the activities on *research programmes and projects*, financed by Slovenian Research Agency – ARRS
- preparation of project documentation for the tenure on subsidising projects in the scheme *Technological programme Technology for Safety and Peace 2006-2012 - TP MIR 2008/2009*
- preparation of project documentation for tenures of European Regional Development Fund, i.e., (i) *Direct stimulations for common development-investment projects - RIP08 and RIP09*, (ii) *Direct stimulations for research-development activities in companies – projects 2008*, and (iii) *Strategic research-development projects in companies - SRRP*, carrying out in the scheme of Executive programme of strengthening regional development potentials in the period 2007 – 2013 as 1. development priority: Competitiveness of companies in research excellence with Preferential direction 1.1.: Improvement of competitive capabilities of companies and research excellence
- involvement and mentoring of students on project work – project or task structuring from the perspective of content, time-frame and finances, task distribution and work organization, supervising the task or project work, systematic literature search, presentation and evaluation of the results

Education work

- guiding the laboratory practicum at the Faculty of Chemistry and Chemical Technology, University of Ljubljana
- preparation, organisation and leading of the experimental practice, seminar in project work within courses Mechanics of polymers and composites, Construction with non-metallic materials and Experimental mechanics at the Faculty of Mechanical Engineering, University of Ljubljana
- preparation of new study programmes according to Bologna study system

Organization of events

- organization of round table on Students-University-Industry Collaboration, Ljubljana, Slovenia (*May 1994*)
- organization of the national two-days seminar “Rheological Days: Seminar on Applied Rheology”, Ljubljana, Slovenia (*September 1997*)
- co-organization of the international conference “SUPERNET2004: Multiscale Phenomena in Material Structure Formation”, Bled, Slovenia (*May 10-16, 2004*)
- co-organization of annual international workshops “International Workshop on Advances in Experimental Mechanics” (IWAEM), Bled/Portorož, Slovenija (*each year one week in August, 2003-2008*)
- co-organization and chair of the session “Time Dependency of the Solidification Process of Polymer Melts” at world congress 2004 SEM X International Congress and Exposition on Experimental and Applied Mechanics, Costa Mesa, CA, USA (*June 7-10, 2004*)
- co-organization and chair of the session “Time Dependent Materials” at international conference ICEM12, Bari, Italy (*Aug 29-Sept 2, 2004*)
- preparation and coordination of two national one-day Life Long Learning (LLL) seminars “Life cycle of polymeric product”, organized as activity of the national Technological Network on Intelligent Polymeric Materials and Technologies - TN IPMT (*June 21 and October 25, 2006*)
- co-organization of lectures and meetings of Družinska akademija – Academia Familiarum

Publishing and editing

- *co-editor of textbook for students in the field of chemical engineering* entitled Exercises in chemical engineering (in Slovene), Eds. Žnidaršič, P., Florjančič, U., Plazl, I., 1st Edition., Faculty of Chemistry and Chemical Technology, Ljubljana, 1999, ISBN 961-6286-16-1
- *co-editor of the proceedings of scientific papers* entitled Research work of postgraduate students of Slovenia: Natural and Technical Sciences (in Slovene), Eds. Musar, A., Florjančič, U., The Association of Postgraduate Students of Slovenia, Ljubljana., 2000, ISBN 961-90669-1-X
- *co-editor of the proceedings of scientific papers* entitled Research work of postgraduate students of Slovenia – new millenium: Natural and Technical Sciences (in Slovene), Eds. Florjančič, U., Musar, A., The Association of Postgraduate Students of Slovenia, Ljubljana., 2001, ISBN 961-90669-4-4
- publishing the brochure entitled *Institute for Sustainable Innovative Technologies - iSIT: National Industrial Integrative Research, Development and Educational Centre*, Eds. Emri, I., Florjančič, U., iSIT, Ljubljana: 2007, ISBN 978-961-92228-0-5.

Memberships

- Society of Rheology (SOR): *Member (1997-2002)*
- Slovenian Society of Rheology (SSR): *Founding Member (1997-present)*
- The Association of Postgraduate Students of Slovenia (APSS): *Member (1998-2002), Member of Managing Committee (1999-2001)*
- The Cultural and historical society Lonka Stara Loka: *Founding Member, Member of Executive Committee as secretary (2014-2017)*