

Memorial session



Prof. Jiří Militký
(Technical University of Liberec)

1. Lecture topic:
Hand and Complex Quality of Fabrics, Kawabata Approach and Beyond

2. Lecture style:
On-line via Zoom

Speakers Biography

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Structured CV 2021

1. First name Surname, Titles, email:

Jiří Militký, Prof. Ing. CSc., EURING, FEA, jiri.militky@tul.cz

2. Address:

Department of Material Engineering, Textile Faculty ,Technical University of Liberec Studentská 2,
46117 LIBEREC

3. Date of birth, Gender:

16/06/1949, Man

4. Education and training

1996 **EURING** professional title obtained from FEANI Paris
1995 **Academician** of the Ukraine Academy of Engineering Sciences
1993 **University professor** degree in the field of textile technique
1991 **Associate professor**, regularly habilitated in the field of textile technique
1982 **Ph.D.** degree concerning of the properties of the modified polyester fibres.
1973 **Engineer** degree, graduated with honour at Textile Faculty.

5. Work experience

2019 – head of PhD studies board at Textile Faculty
2016 – professor, Department of Material Engineering
2013 – 2016 Head of Department of Material Engineering
2009 – 2012 Vice Dean for foreign affairs
2003-2008 Dean of Textile Faculty
2000 - 2002 Vice Rector for science and foreign affairs at TU Liberec
1994 - 1999 Dean of Textile Faculty
1991- 1993 Vice Rector for foreign affairs at TU Liberec
1991 – 2012 Head of Department of textile materials
1976 - 1989 Research Institute of Textile Finishing, head of scientific development dept.
1974 military service
1973- 1976 State Textile Research Institute Liberec – research worker

6. Specialization:

Research, development and teaching in the field of fibers, particles and textile structures modeling.
Research, development and teaching in the area of textile material engineering, metrology, and applied statistics.

7. Main activities and responsibilities

He started to work in the field of the modeling of the kinetic processes in solid phase. In this field he published about 30 scientific papers. He was engaged in State Textile Research Institute in the department of the mathematical modeling of the textile structures from 1973 to 1976. He started with research in the field of statistical data analysis and quality control here. On these themes he published 4 books and about 100 scientific papers. From 1976 to 1989 he was engaged in Research Institute of Textile Finishing in Dvůr Králové, in many positions, from head of the research department till scientific secretary. Here he worked in the field of textile dyeing kinetics, physics of the fibers, mathematical modeling in textile branch and control of dyeing and drying processes. In collaboration with University Pardubice he is working in the field of chemometry in analytical laboratories. The two volume monographs published in England was finished in 1994 and 1996. In 1982 he defended Ph.D. degree concerning of the properties of the modified polyester fibers. Since 1989 he is employed at the Technical University of LIBEREC (TUL). He is responsible for research, supervising PhD students and teaching at the Department of Material Engineering (textile fibers, textile testing, quality control, mathematical modeling, statistical data treatment and nano-materials).

8. Awards and membership in scientific societies:

2018 AUTEX Lifetime Achievement award
2016 TBIS Honorary lifetime contribution award
2006- full member of the Czech Engineering Academy

1999 - 2009	head of Czech Section of „The Textile Institute“ Manchester
1999	G.H. Smith award of The Textile Institute Manchester
1997 - 2004	board member of Czech Statistical Society
1994 -	board member of Czech Chemometrical Society
1995 -	Academician of Ukraine Academy of Engineering Sciences
1996 - 2000	board member of International Textile Academy
1995 -	president of Czech Monitoring Committee of FEANI

9. Membership in editorial boards of international journals:

Fiber Chemistry, (USA).
 Journal of the Textile Institute (England).
 Research Journal of Textiles and Clothing (Hong Kong),
 Fibers and Textiles, (Slovakia),
 Fibers and Textiles in Eastern Europe, (Poland),
 Journal of Fiber Bioengineering & Informatics (Hong Kong)
 Journal of Textile Engineering (Hindawi)
 Composites B (2014-2016)

10. Publication activities:

	Total number	Citations	H-index
Books	25	-	-
Articles SCOPUS	476	3456	28
Articles WOS	324	3000	28

11. Selected books:

- Militký J. et al.: **Modified Polyester Fibers**, Elsevier Publishing 1991
- Meloun M., Militký J., Forina, M.: **Chemometrics for Analytical Chemistry-vol.1, Statistical Data Analysis**, Ellis Horwood London 1992
- Meloun M., Militký J., Forina, M.: **Chemometrics for Analytical Chemistry-, vol.2, PC Aided Regression**, Ellis Horwood, London 1994.
- Meloun M., Militký J.: **Interaktivní statistická analýza dat**, Carolinum Praha 2012
- Meloun M., Militký J.: **Statistická analýza experimentálních dat**, Academia Praha 2009
- Meloun M., Militký J, Hill M.: **Statistická analýza vícerozměrných dat v příkladech**, Academia Praha 2012.
- Meloun M., Militký J.: **Statistical data analysis**, Woodhead Publishing Cambridge 2011,
- Křemenáková, D., Mishra, R., Militký, J., Šesták, J. Editors: **Selected Topics of Textile and Material Science**, Published by Publishing House of WBU, Pilsen 2011, (356 pages) Czech Republic.
- Křemenáková, D., Mishra, R., Militký, J., Mareš J., Šesták, J. Editors: **Selected Properties of Functional Materials** . Published by Publishing House of WBU, Pilsen 2013, (335 pages) Czech Republic.
- Křemenáková, D., Militký, J., Šesták, J. Editors: **Vláknenné struktury pro speciální aplikace**, Published by Publishing House of WBU, Pilsen 2013, (333 pages) Czech Republic.
- Mishra. R., Militký J. : **Nanotechnology in Textiles - Theory and Application**, Elsevier Woodhead Publishing, 2019
- Mishra. R., Militký J. eds.: **Recent Trends in Fibrous Material Science**, TUL Press 2019
- Mishra. R., Militký J. eds.: **Nanotechnology in Textiles**, Elsevier 2019
- Militký J., Venkataraman M., Prince A. Eds.: **Textiles and Their Use in Microbial Protection: Focus on COVID-19 and Other Viruses**, CRC Press 2021