

Dear Reader,

It gives us pleasure to introduce you to the New Scientific Programming Board of „Fibres & Textiles in Eastern Europe”. After giving only a list of the Board members in the previous issue, we present herewith some brief biographic notes of the chairman and the members (in alphabetical order), together with their photos. We are proud to have the opportunity to cooperate with such distinguished, outstanding scientists and researchers who, we hope, will help us not only to maintain the present scientific and editorial level of our journal but also to raise it and broaden the scientific spectrum of the articles presented.

Bogdan Mac
Editor-in-chief
Bogdan Mac

Chairman



Professor Andrzej Ziabicki, Ph.D., D.Sc.

Prof. Andrzej Ziabicki was born in 1933 in Gdynia, Poland. He graduated from the Technical University of Wrocław with a B.Sc. in Polymer Technology, and obtained his M.Sc. degree in 1956. In 1960 he obtained a Ph.D. in Physical Chemistry of Polymers from the Technical University of Łódź, and in 1965 the D.Sc. degree in Chemical Engineering from the Warsaw University of Technology. Since 1967 he has been a professor of Polymer Physics and Head of the Polymer Physics Group at the Institute of Fundamental Technological Research (IFTR), Polish Academy of Sciences, Warsaw. Prof. Ziabicki's professional career started in 1956 in the textile and polymer industry. He has been Research Fellow and Head of the Research Laboratory at the Industrial Research Institute of Synthetic Fibres in Jelenia Góra and Gorzów Wielkopolski. In 1958-1959 he worked as Senior Engineer in the Melt Spinning Department of the 'Stilon' Enterprise, Gorzów Wielkopolski, dealing with supervision of production quality, and in 1959-1967 as Senior Research Fellow in the Industrial Chemistry Institute, Warsaw, involved in polymer research oriented towards industrial applications. Since 1967 Prof. Ziabicki has been working in basic research in the IFTR, Warsaw, and teaching as a part-time professor at the Warsaw University (1966-1970). He was a Visiting Professor in the Department of Polymer Chemistry, Kyoto University, Japan (1977-78, 1981-82). Since 1970, Prof. Ziabicki has been involved in free-lance scientific & technological consulting in textile and polymer industry world-wide (DuPont, Monsanto, Dow, 3M, AlliedSignal, Celanese, Shell Chemical Co., Goodyear, Toyobo, Toray, Mitsubishi Rayon, Asahi Chemical Co., Sam Yang, Rhone Poulenc, Akzo, Bayer, Hoechst, Zimmer AG, and many others). He has also been World Bank expert in the China Textile University, Shanghai (1991). Prof. Ziabicki is the author and co-author of several books on fibre science and technology (two in Polish, four in English, translated into Russian and Chinese). He contributed to 10 collective volumes and published over 300 research papers on fibre formation, fibre and polymer structure, rubber elasticity, crystallisation and molecular orientation, published in J.Chem.Physics, Colloid & Polymer Sci., Macromolecules, Rheologica Acta, J.Polymer Sci., J.Appl.Polymer Sci., J.Non-Newtonian Fluid Mech., Comput.Theor.Polymer Sci., Archive of Mechanics, and others. Prof. Ziabicki has received, among other awards, the S.G. Smith Memorial Medal by the Textile Institute, Manchester (1987). He is a member of the Society of Rheology, European Physical Society and many learned societies.

Members



Assoc. Professor Christo Dimitrov Betchev, Ph.D.

Prof. Betchev was born on 2 August 1942 in Bulgaria. He graduated with a M.Sc. degree from the Department of Physics at Sofia University in 1968. After his postgraduate studies at the Moscow Textile Institute, he was awarded the degree of Ph.D. in 1975. Prof. Betchev's professional career began at the Department of Man-made Fibre Technology at the Higher Institute of Chemical Technology (HICHT), Sofia where he worked from 1968 to 1972, and again from 1976 to 1979 as Research Associate. Independently he worked at the Department of Physics, HICHT as Assistant Professor (1976-1992), in the post of Head of the Fibre Physics Division at the Scientific and Developing Laboratory of Man-made Fibre Technology, HICHT from 1979 to 1984, when he also attended a specialisation at the Department of Chemical Engineering at the Technical University of Denmark. In 1984, Prof. Betchev was nominated Head of the Laboratory of Thermochemistry and Heat Measurement at the Central Scientific Laboratory, University of Chemical Technology and Metallurgy (UChTM), Sofia. Since 1987 he has worked as Senior Research Fellow on Polymer Physics and Mechanics, and since 1993 as Associate Professor of Polymer Physics at the UChTM. The main areas of Prof. Betchev's scientific activity include structure development during processing of polymer blends and synthetic fibre formation; structure and properties of fibre reinforced polymer composites, of natural based polymers and natural fibres, and of oriented polymers; application of polymer membranes for cleaning industrial effluents, thermal behaviour and thermophysical characterisation of polymers; and colour characterisation and matching. Prof. Betchev has published more than 80 papers in Bulgarian and international journals of outstanding stature, and has participated in numerous international conferences, symposia, and congresses. He has given invited lectures in universities and institutes in Denmark, France, Germany, Greece, Poland, Russia, the UK, and the USA.

Professor Tadeusz Jackowski, Ph.D., D.Sc.



Prof. Tadeusz Jackowski was born in 1934 in Łódź. He graduated from the Technical University of Łódź (TUŁ) with a M.Sc. degree in 1957. He attained a Ph.D. degree in Mechanical Technology of Textiles in 1962, and later the degree of D.Sc. in Textile Science and Technology in 1972, both also from the TUŁ. Since 1969, he has been Associate Professor, and since 1987 Professor at the Institute of Mechanical Technology of Fibres, now the Department of Technology and Structure of Yarn, TUŁ, and from 1993 to 1998 was also employed as a part-time Professor at the Textile Research Institute in Łódź. Prof. Jackowski's professional career started in 1957 at the Textile Faculty, TUŁ. Since his appointment there, he was head of the Spinning Technology Department until 1998; he was also deputy director of the Institute of Mechanical Technology of Fibres (1970-1995), director of the Institute (1995-1997), Vice-Dean of the Textile Faculty (1973-1977), and Pro-Rector of the TUŁ (1987-1990). The main area of Prof. Jackowski's specialisations includes the theory of carding of ring and open-end yarns, the theory of forming rotor yarns, mass irregularity of fibre streams, hairiness of yarns, and the technology of cotton and chemical fibre spinning. Prof. Jackowski is the author of about 120 published papers and reviews, and the inventor of numerous patents. He is the author and co-author of several books on spinning technology. Prof. Jackowski is a member of the Łódź Scientific Society, the Polish Textile Association, the Board of the Gdynia Cotton Association, and a member of the Board of the Polish journal "Textile Review" ("Przegląd Włókienniczy"). Prof. Jackowski is also chairman of the Foundation of Gdynia Cotton Association.



Professor Ryszard Kozłowski, Ph.D.

Prof. Kozłowski was born in 1938 in Uniejów, Poland. He graduated from the Adam Mickiewicz University in Poznań with a M.Sc. in Applied Chemistry in 1961, and obtained the degree of Ph.D. in Chemical Technology in 1970. In 1990 he was awarded the title of Prof. of Technical Sciences. In 1961 he began his work at the Institute of Natural Fibres (INF) in Poznań as Head of the Particleboard Department. In 1976 he worked also at the Wood Technology Institute as Head of the Department of Wood and Wood-based Material Preservation. From 1976 to 1987 Prof. Kozłowski held the post of Deputy Director for Scientific Affairs, and from 1987 he has been General Director of INF. Spear-heading the activities of the INF, he has initiated and conducted research on raw material resources of natural fibres (flax, hemp, wool, silk); on retting, extracting and processing of bast fibres; environmental protection, fire protection, and utilisation of by-products and wastes from the retting industry. Prof. Kozłowski's most recent studies involve advanced polymers & their application, and the cultivation

of land polluted by heavy metals to gain raw materials for the textile, pulp, and chemical industries. Prof. Kozłowski is the author and co-author of more than 250 original papers and significant book publications, including chapters of books on the retting of flax, fire retardant materials, natural fibres, polymers, and composites, which have been also published in Great Britain and Italy. He is the author and co-author of 21 patents and know-how techniques, and 24 technologies introduced into service. Since 1989 he has acted as Co-ordinator of the FAO/SCORENA European Co-operative Research Network on Flax and Other Bast Plants, acting within the SCORENA System, FAO/Rome, Italy. Prof. Kozłowski has been active as an international consultant on international conferences and as Visiting Professor at universities, R&D centres and companies world-wide, including Buffalo University, Akzo Nobel Inc., DuPont, Pontificia Universidad Católica del Ecuador Sede Ibarra, Universidad Técnica Particular de Loja, Ecuador; Universidad de Cordoba, Columbia, University of Helsinki, Technical Research Centre of Finland, Leicester Polytechnic, UK; Kyoto University, Toray Research Centre, Stanford University, USA; Saskatchewan University, Canada; Beijing Institute of Technology, Shenyang University, China; and University Sain Malaysia. Prof. Kozłowski is a member of the International Textile Institute (TI), Manchester (member of the Council since 1989, vice-chair of the TI Poland Section); The Fiber Society, USA; the American Association for the Advancement of Science, the American Chemical Society, the Society for Sustainable Agriculture and Resource Management, India; and the International Jute Organisation, Bangladesh. In Poland his positions include membership of the Academy of Engineers of Poland, the Polish Cotton Chamber, the National Economic Chamber, the Polish Textile Association, the R&D Units Council of Directors, the Polish Institute of Combustion, the ICOMOS - International Council on Monuments and Sites (member of the Polish Committee) and the Wood Technology Committee of the Polish Academy of Sciences (2003-2006). From 2001 Prof. Kozłowski acts as vice-chairman of the ICFPAM world congresses (regarding frontiers of polymers). In recognition of the Prof.'s achievements and his social activity, he has been awarded many prizes, distinctions, and awards by the Polish Government, scientific and professional organisations.



Assoc. Professor Izabela Krucińska, Ph.D., D.Sc.

Prof. Krucińska completed her study at the Technical University of Łódź in 1978, and obtained the degree of M.Sc. from the Textile Faculty in Textile Mechanical Engineering. She commenced the Ph.D. study in 1978 and began her scientific work as senior assistant at the Institute of Metrology, Nonwovens, and Clothing Industry (IMNCI) in 1981, both at the same Faculty. Based on her thesis, 'Comparative analysis of fibre blending irregularities in two-component yarns', she was granted a Ph.D. degree, after which she worked as senior researcher at the same Institute. In 1992 she obtained the degree of D.Sc., and since 1996 she has been working as Associate Professor. In 1992, Prof. Krucińska was nominated Deputy Director of the IMNCI. After the dissolution of the Institute, Prof. Krucińska has been working as Head of the Department of Textile Metrology, at the same time fulfilling the duty of Dean of the Faculty of Engineering and Marketing of Textiles. Prof. Krucińska has attended scientific training workshops in Toronto, Canada; Denkendorf, Germany; Barcelona, Spain; and Maribor, Slovenia; and has been Visiting Professor at Laval University, Quebec (Canada). She also works in international

research projects supported by European Union. The main spheres of Prof. Krucińska's scientific interest include yarn structure, especially the irregularities of yarn bending, the structure of linear textile products and property forecast, the structure and technology of technical and medical textile products, such as precursors for carbon fibres, materials for electrochemical capacitors, electret nonwovens, and hybrid textile composites, problems of sensoric comfort of clothing, and the technology of the ecological processing of flax. Prof. Krucińska is the author or co-author of 3 dissertations, 1 monograph, 4 university text-books and 58 publications, including 34 in international journals. She has participated in more than 70 conferences. For her scientific activity she was awarded the Medal of the World Intellectual Property Organisation from Geneva, and 8 rector's awards of the Łódź TU. Prof. Krucińska is a representative of Polish universities at Autex, a member of The Textile Institute, Manchester, the Institute of Textile Science, Canada, the Polish Textile Association, the Scientific Association of Łódź, and the Commission of Education of the Metrology Committee at the Polish Academy of Sciences.



Professor Anton Marcinčin, Ph.D.

Prof. Anton Marcinčin was born on 20 October 1940 in the Slovak Republic. He obtained his first university degree of M.Sc. in 1962, and the Ph.D. degree in 1967; he has been Associate Professor since 1987, and his inauguration as Professor took place in 2001, all at the Faculty of Chemical and Food Technology, Slovak University of Technology in Bratislava. Prof. Marcinčin's main fields of specialisation include physical modification of chemical fibres by special additives, polymers, solid particles and pigments. He is the leader of projects of the National Grant Agency and has participated in various industrial research projects, particularly in those concerned with the development of spun-dyed fibres, the development of blend fibres and antibacterial chemical fibres, as well as with the processing of fibre forming polymers and research into the rheological and surface properties of polymers. He has lectured on such themes as 'Technology of Materials', 'Fibre Science and Technology', and 'Technology of Polymer Films'. He is a member of councils and commissions of the National Grant Agency (since 1999), a member of the Editorial Board of the Slovak journal 'Fibres and Textiles' (since 1996), as well as the Autex Research

Journal (e-form, since 2000), and a member of the Scientific Council of the Textile Faculty, Technical University of Liberec, Czech Republic (since 1998). Since 1991 he has been designated Head of the Department of Plastics and Fibres, and since 1993 Head of the Department of Fibres and Textile Chemistry, both at the Slovak University of Technology in Bratislava.



Professor Józef Masajtis, Ph.D., D.Sc.

Prof. Józef Masajtis was born in Vilnius in 1945. He completed his study at the Technical University of Łódź (TUL) and obtained the degree of M.Sc. from the Textile Faculty in 1969. He then worked for nearly 3 years in the textile (cotton) industry, the majority of that time as a shift manager. After post-graduate studies at the TUL (1971-1976) he was granted the degree of Ph.D. and in 1986 the degree of D.Sc. Since 2001 he has been full Professor at the Faculty of Engineering and Marketing of Textiles, TUL. Prof. Masajtis' research and educational career began in 1974 at the Weaving Department of the Institute for Mechanical Technology of Fibres, TUL. Between 1992 and 1997 he organised 'textile architecture', a new specialisation at the TUL, working as chairman of the section, and oversaw its transformation into the Department of Textile Architecture and has been working as Head of the Department. Prof. Masajtis has also been Vice-dean of the Faculty between 1996 and 1999, and again since 2002. Prof. Masajtis has attended specialised research practice in England, Scotland, Germany, and as a Visiting Professor in Egypt. His main scientific fields of interest are the technology of woven

fabrics, optimisation methods in textile applications, modelling structures and assortments of textiles, digital processing of textile images, methodology of solving engineering problems and the architecture of textiles. Prof. Masajtis is the owner of many patents, including those related to warp tension control and warp feeding implemented in modern foreign looms, and is the author & co-author of over 80 publications. Prof. Masajtis is an international expert on the Scientific Board of the Technical University of Riga, Latvia; a representative of Polish universities on the Board of Autex and editor-in-chief of the Autex Research Journal, and a member of the Scientific Association of Łódź.



Professor Vytautas Mykolas Milašius, Ph.D., D.Sc.

Prof. Milašius was born on 20 June 1934 in Kaunas, Lithuania. After completing the Kaunas 6th High School during 1944-1952, Prof. Milašius graduated from the Faculty of Mechanical Engineering of the Kaunas Polytechnical Institute with a Dipl. Eng. degree in 1957. After his post-graduate studies at the Kaunas Polytechnical Institute, he was awarded a Ph.D. degree in 1962, and later the degree of D.Sc. in Technological Sciences in 1975. Since 1976 he has been full professor. Prof. Milašius' professional career started in 1957 at the Kaunas Silk and Plush Plant where he worked as senior designer until 1959. His research and educational work at the Kaunas University of Technology (the former Kaunas Polytechnical Institute) began in 1962. He was in turn Assistant Professor (1962-1963), Senior Reader (1963-1964), Associate Professor (1964-1966), and since 1976 Professor at the Department of Textile Technology, and since 1988 he has also been the Chairman of this Department. Prof. Milašius attended profiled advancement courses in Czechoslovakia in 1965, and visited the University of Leeds, United Kingdom in 1996. Prof. Milašius is co-author of the following textbooks: 'Weaving' (in Lithuanian), 'Structure of Woven Fabrics' (in Lithuanian), and 'Weave Coding' (in Russian), and is also the author of over 130 publications in journals (including those published in Lithuania, the former USSR, the Czech Republic, Poland, and Great Britain) and in proceedings of domestic and international conferences. From 1993 to 1994 he was chairman of the Commission for Confirmation of Scientific Degrees and Titles, Lithuanian Scientific Council. Prof. Milašius was awarded the Lithuanian State prize in 1965 and 2001, and the Order of Gediminas, Magnus Dux of Lithuania in 1999.

Professor Eng. Jiří Militký, Ph.D., EUR ING



Prof. Eng. Jiří Militký was born on 16 June 1949 in Mladé Buky. He graduated with honours from the Technical University of Liberec in 1973. He was awarded a Ph.D. degree in textile material engineering in 1982 from TU Liberec. He obtained a full professorship in 1993, and the professional title of EUR ING in 1996. Jiří Militký started to work in the field of modelling kinetic processes in solid phase at the Technical University of Liberec. He was engaged in the State Textile Research Institute in the department of mathematical modelling of textile structures. He started here with research into the field of statistical data analysis and quality control. He has published 4 books and about 40 scientific papers on these subjects. Since 1989 he has returned to the Technical University of Liberec, where he has been head of the Department of Textile Materials at the Textile Faculty since 1991. In 1995 he was appointed Academician of the Ukrainian Academy of Engineering Sciences. Since 2003 he has been Dean of the Textile Faculty. Prof. Jiří Militký is the author or co-author of 11 scientific books, about 100 scientific papers published in journals of international standing, and more than 300 scientific contributions on international conferences. He is also the organiser of Textile Science conferences. Scientific activities: experimental data treatment and modelling of textile material properties, statistical quality control, regression and multivariate statistics, fibre physics, smart textiles, sensorial properties of textiles.

Professor Kirill E. Perepelkin, Ph.D., D.Sc.



Prof. Perepelkin was born in 1929 in Leningrad (now St. Petersburg). He graduated from the Leningrad Textile Institute, Faculty of Chemical Technology in 1953; in 1957 he was awarded a Ph.D., and in 1966 a D.Sc. degree, both from the Leningrad Institute of Textile and Light Industry (LITLI), and in 1967 he was made Professor at the All-Union Research Institute of Chemical Fibres (AURICHF). Prof. Perepelkin worked as a laboratory assistant from 1946 in the State Optical Institute, and then between 1953 and 1972 in the AURICHF in turn as a scientist, senior scientist, and head of laboratory. At the same time, he worked as the Main Chemist for Problems of New Chemical Fibres at the USSR Ministry of Chemistry (1960-70), and as Researcher and Professor in the Leningrad Technological Institute (1969, 1974-75), and in the LITLI since 1957. During the years 1972-82 Prof. Perepelkin was Head of the Department for Material Science, Physical Chemistry, Textiles & Composites in the Leningrad Research Institute of Chemical Fibres & Composites (RICHFC), and next its Deputy Director for Science, R&D, and then Managing Director. In the years 1983-2001 he was Head of the Department of Material Science at the St. Petersburg State University of Technology and Design (St.-PbSUTD). Since 2001, Prof. Perepelkin has been Prof. and Honourable Professor at the St.-PbSUTD. Under his scientific supervision, 60 Ph.D. and 8 D.Sc. dissertations have been written. He has been Visiting Professor at universities and institutes in Austria, Bulgaria, China, Germany, Poland, Slovakia, and Sweden. The main field of Prof. Perepelkin's theoretical research includes the physical chemistry of fibre-grade and film-forming polymers, chemical fibre formation, material science of oriented polymers & fibre-reinforced composites, and forecast of their extremal properties. His applied research topics include the technology of fibre formation, fibres & textiles for technical applications and with special properties (e.g. para-aramid, fluorine-containing, carbon, thermal stable and inflammable aromatic), and market economy in the area of fibres & textiles. Numerous research projects directed by him have been implemented in the industry, and he is the owner of 81 patents. He has been a consultant for many Russian institutions and also for various companies in Austria, Bulgaria, Germany, Japan, China, Poland, and Slovakia. Prof. Perepelkin is the author or co-author of more than 750 scientific publications, including 14 monographs, an encyclopaedia, and reference books. He is a member of The Textile Institute, Manchester (1997-), the Mendeleev All-Russian Chem. Soc. (1952-), the Society of Textile and Light Industry, Russia (1983-), of the Scientific Councils of St. Petersburg RICHFC, International Council of Thüringisches Institut für Textil und Kunststoff Forschung, and the St.-PbSUTD, the Councils for Scientific Titles and Degrees of the St.-PbSUTD, and of the Moscow State Textile University, as well as the editorial boards of 8 scientific journals. Prof. Perepelkin's titles include Academician of the St. Petersburg, Russian, and the International Engineering Academies (1992-), Honourable Technician & Scientist of Russia, Honourable Engineer of Russia, Honourable Chemist, the Order of Honour by the Presidium of the Supreme Soviet of the USSR, and the S.G. Smith Memorial Medal of the Textile Institute, UK.

Professor Heinrich M. F. Planck, Ph.D., D.Sc.



Prof. Heinrich M. F. Planck was born on 4 November 1947 in Rottenburg/Neckar, Germany. After completing his studies in mechanical engineering, textile machinery & textile technology and microtechnics at the Technical University of Stuttgart, Germany and obtaining a Dipl. Eng. degree, he graduated with a Ph.D. degree in Biomedical Application of Textiles from the University of Stuttgart. Since 1998 he has been Professor of Textile Technology & Textile Machinery at the University of Stuttgart, teaching in Textile Technology and Textile Machinery, and in Biomedical Engineering & Biomedical Processing. Independent of his scientific activities at the University of Stuttgart, Prof. Planck has since 1974 been a scientist at the ITV Institute of Textile Technology and Process Engineering, Denkendorf, Germany. Since 1979 he has been Director of the Departments of Biomedical Engineering and Braiding Technology & Fibre-Reinforced Materials of ITV Denkendorf. In October 1998 he was appointed Director of the ITV Institute of Textile Technology and Process Engineering, Denkendorf. Prof. Planck has been President of the German Society of Biomaterials from 1998 to 2001. At present he is a member of EU Cost-Action 628: Environmental Aspects in Textile Industry, a Council Member of the European Society for Biomaterials, a member of the Board of Textranet (the European Network of Innovative Textile Institutes), and a member of several boards of international publishers. An expression of his scientific and technological activity is seen in the 50 patents he owns.



Professor Roshan L. Shishoo, Ph.D.

Prof. Shishoo was born on 3 March 1938 in Srinagar, India. He graduated from Bombay University, India with a B.Sc., tech. in Chemical Technology in 1959, and obtained his M.Sc. in Textiles from Glasgow University, UK in 1963. In 1967 he obtained a Lic.Tech. title, in 1974 a Ph.D. and the title of Associate Professor, all from the Chalmers University, Sweden. The Swedish Government awarded him the title of Professor in Fibre Technology in 1986. Prof. Shishoo started his professional career at the HATRA Research Institute, Nottingham, England in 1963, working mainly on projects concerned with the dimensional/mechanical properties of fabrics and crimped nylon 66 yarns. He joined the staff of the National Research Institute for the Swedish Textile and Clothing Industry (TEFO) as a research scientist in 1965, and in 1983 was appointed Director of Research. In 1993 TEFO was merged with the Plastic and Rubber Institute into the Swedish Institute for Fibre and Polymer Research (IFP) where Prof. Shishoo was Managing Director until 2000, and then Director of Research up to 2003. At present he works as a Senior Consultant, for IFP Research among other institutions. Prof. Shishoo's main research fields include the physical-chemical and mechanical properties of fibres and fabrics, nonwovens, clothing technology, climate comfort, hygiene/medical products and high-functional fabrics and technical textiles. Prof. Shishoo has published 200 papers in various scientific and technical journals (over 140 in international journals), and has written numerous research reports in Swedish. He has been a guest speaker at around 110 international conferences. Prof. Shishoo has a world-wide network of academic and industrial contacts, and has travelled extensively on different missions to countries in Europe and the USA, Japan, India, Hong Kong, Australia, New Zealand, etc. Prof. Shishoo has been responsible for a large number of national and European research projects. He was one of the two foreign experts responsible for reviewing all Danish research institutes within the DTI Bygg organisation, the national research unit in Denmark, and was appointed by CSIR, Port Elizabeth, South Africa, as a foreign expert responsible for reviewing the organisation of the Division of Textiles and Clothing. Prof. Shishoo is chairman of the Technical Textile Group of The Textile Institute, Manchester; a Working Group Leader of the TEXTRANET Joint Org. of the European Textile Research Institutes, Paris; a fellow of the Textile Institute (FTI), a senior member of the American Association of Textile Chemists and Colourists; an elected member of the US Fiber Society; a member of the American Association for the Advancement of Science, the American Chemical Society, the US Technical Association of Paper and Pulp Industry, the Swedish Chemical Society, the Technical Committee of EDANA (the European Nonwoven Producers' Association), organisational & scientific committees of the TECHTEXTIL and AVANTEX symposiums, Messe Frankfurt, and of the Working Group of EURATEX, Brussels. Prof. Shishoo has been awarded, among other prizes, with the 1988 Major Innovation Prize by the Swedish National Board for Technical Development, and in 1988 with the Honorary Fellowship of the Textile Institute.



Assoc. Professor Zoran Stjepanovič, D.Sc.

Prof. Stjepanovič was born in 1958. He graduated from the Faculty of Technical Sciences at the University of Maribor, Slovenia in 1982, and obtained an M.Sc. degree in Technical Sciences after completing his study in 1990. Based on his thesis, "Determination of Cotton Fibre Blends by Means of Artificial Intelligence Methods", he was awarded a Ph.D. degree in 2000 from the same university. Presently, he is elected Assistant Professor for two areas of specialisation: Textile Technology, and Computer & Information Science for Textile Applications. After his graduation in 1982, Zoran Stjepanovič held the position of spinning plant engineer at a textile factory in Maribor until 1985. Since 1985 he has worked at the Department of Textiles in the Faculty of Mechanical Engineering in Maribor as researcher and senior lecturer. His primary research interests include modern mechanical textile technologies, new spinning methods, advanced methods for prediction of spun yarn properties and optimisation of fibre mixtures, computer-aided information systems for textile applications, and machine learning as a part of artificial intelligence methods. Prof. Stjepanovič publishes the results of his research work on a regular basis in national and international journals and presents them at scientific and technical meetings. He is the author or co-author of more than 100 scientific and technical articles and papers published in international and national journals and conference proceedings. He is also the co-author of a book on quality aspects in weaving and the author/co-author of two textbooks on computer science for engineers. In 2002 he was elected President of the Slovenian Association of Textile Engineers and Technicians. He is also active as a member of the Slovenian Colourist Association and The Textile Institute, Manchester. Prof. Stjepanovič is president of the Publishing Council and a member of the International Editorial Board of 'Tekstilec', the Slovenian Journal for Textile and Clothing Technology.



Professor Henryk Struszczyk, Ph.D., D.Sc.

Prof. Struszczyk was born on 20 November 1946. After completing his study at the Technical University of Łódź (TUŁ) he obtained an M.Sc. in 1970, and after post-graduate studies he was awarded a Ph.D. from the Institute of Man-Made Fibres, TUŁ, and later, owing to his research output on natural polymers and their modification, a D.Sc. from the TU of Szczecin. He obtained the title of full Professor in 1998. Prof. Struszczyk's professional career started in the Institute of Man-Made Fibres, TUŁ, where he worked as an assistant fellow from 1970 to 1971, and later as a senior lecturer from 1974 to 1987. He has been Research Fellow in the University of Washington, USA (1979-1980), Visiting Researcher in the Finnish Research Centre, Tampere (1986-1987), and Visiting Professor at the Tampere University of Technology (1988-1996). Since 1998 Prof. Struszczyk has worked at the Institute of Chemical Fibres (IWCh) in Łódź as Research Director & Assistant Professor (1990-1993), and Associate Professor (1993-1998), and in 1998 he was elected as the Managing Director of IWCh, working at the same time as a Professor at IWCh, and at the Textile Engineering and Environment Protection Faculty of the University of Bielsko-Biala. The main spheres of Prof. Struszczyk's scientific interest include chemical technology (especially polymers and chemical fibres), natural polymers, such as chitin & chitosan, cellulose, lignin, alginates, starch, proteins, and their applications in technique, medicine, and agriculture. A special interest is that of bioactive, biodegradable, flame- and thermally resistant special chemical fibres and polymers. Prof. Struszczyk is the author or co-author of about 250 research papers, 200 patents and patent applications, and has addressed about 350 domestic and international conferences. He has also supervised several international research projects, co-operating with Finland, Germany, Italy, the Czech Republic, Slovakia, Slovenia, France, the Netherlands, and the USA. Prof. Struszczyk is a member of the European Chitin Society (1992-), Vice-President (1999-2001) and President of the Polish Chitin Society (1993-), a member of the Engineering Academy of Poland (1995-), a member of the Board (1998-2000) and Vice-President of the Scientific Board of Institute of Natural Fibres, Poznań (1995-1999), a member of the American Chemical Society (1992-), and of the Composite & Biomaterial Section and Polymer Commission of the Polish Academy of Sciences (PAN) (1994-), Vice-President of the Textile Section, PAN (1994-), a member of the Board of PAN, Łódź Division (1996-); a member of the Scientific Board of the Thüringisches Institut für Textil u. Kunststoff Forschung, Rudolstadt, Germany (since 1993). During the years 1992-2001, Prof. Struszczyk was awarded 10 Gold and Silver Medals for inventions at the World 'Eureka' Exhibitions, Brussels, Belgium, and the 'Croix de Chevalier' of the Kingdom of Belgium for his whole invention activity (2001). He was also awarded the Gold Cross (Poland), the Award of the Ministry of Education (1983), the Master of Technics (1992), and awards from the Chancellor of TUŁ (1974-1987).



Professor Janusz Szosland, Ph.D., D.Sc., dr h.c. MGAT, dr h.c. TU of Łódź

Prof. Szosland was born on 16 January 1925. In 1952 he received an M.Sc. degree from the Textile Faculty at the Technical University of Łódź (TF TUŁ). In 1962 he obtained a Ph.D. degree, and in 1966 a D.Sc. degree, also from TF TUŁ. In 1973 he was appointed Professor, and full Professor in 1986. Between 1950 and 2000 he worked at the TF TUŁ, as head of the Weaving Department (1967-70), and director of the Institute of Textile Mechanical Engineering (1970-95), while also fulfilling the duties of Dean of the TF (1969-1975), and working over 45 years as the head of the weaving specialisation (with 1080 M.Sc. and Eng. theses promoted). Under his scientific supervision 21 Ph.D. dissertations were written and 2 scientists were granted the title of doctor honoris causa of the TUŁ. Among the Ph.Ds promoted, 6 of them obtained the degree of D.Sc. and then the title of Professor. The main fields of his scientific activity are mechanics and the technical metrology of textile processes, as well as the structure of woven fabrics. He was personally responsible for creating a new specialisation

in the field of textile science, textile architecture. His important scientific and technical achievements have come in the fields of mechanics of threads, optimisation of the kinetic of weaving, dynamic quality of textiles, virtual modelling of textiles, multiphase rotation weaving, and pneumatic clothing. Prof. Szosland is the author and co-author of scientific and teaching books, including 'The Basis of Structure and Technology of Woven Fabrics' (5 editions), and of 6 scientific monographs. He is the author or co-author of 120 original scientific papers, published in outstanding textile journals, and more than 120 conference lectures. He has directed CPBR, MEN, KBN, COPERNICUS, and INCO-COPERNICUS research programmes. Prof. Szosland was the initiator and is a member of the Polish Engineering Academy; the creator of the Scientific Textile Centre and the Polish Textile Industry Chamber; a member of the Central Commission for Degrees and Titles (1987-1999), the Consulting Board of the People's State Council (1986-1989), a member and section-president of the Polish State Committee for Scientific Research (1993-1996), and the initiator and president of 8 Scientific Boards of R&D institutes. He was the initiator and is the co-organiser of the IMTEX and Cotton Chamber conferences, and of the Polish Textile Association (PTA), and 'Polonia' congresses. Prof. Szosland was for 25 years president of the PTA, and has been its honorary president since 1999. Prof. Szosland has been awarded the Polonia Restituta Crosses of Cavalry, Officer, Commander, and Commander with Star, the Medal of the Polish National Education Commission, The Gold Star with Diamond of the Interprom, the Honourable Order of the City of Łódź, and the Gold Order of the PTA. He won the Gold Medal prize (Brussels 1996), 8 awards from the Polish Minister of High Education, and the Scientific Award of the City of Łódź. He was granted the title of doctor honoris causa by the Moscow State Textile Academy and the TUŁ.

Professor Andrzej Włochowicz, Ph.D., D.Sc.



Prof. Włochowicz was born in 1931 in Podlesie. He graduated with an M.Sc. in Textile Metrology from the Technical University of Łódź (TUŁ) in 1955. He attained a Ph.D. in 1963, and later a D.Sc. degree, both also from the TUŁ. In 1980 he became Associate Professor, and since 1990 has been a full Professor. He attended profiled training periods at the Moscow Textile Institute (1963-64), the Technical Univ. of Strathclyde, Glasgow (1972); Rigalné Denke, Japan; the TU of Budapest; the Higher Institute of Chemical Technology, Sofia; the Leningrad Institute of Technology, and MTI Moscow. Prof. Włochowicz's professional career in the textile and polymer sciences commenced in 1954 at the Textile Faculty of TUŁ, where he worked as a research assistant in the Chair for Textile Raw Materials and Metrology, and from 1963 as a researcher in the Textile Institute for Fibre Physics and Chemical Treatment of Fibres. In 1969 Prof. Włochowicz began to work in the Textile Institute of TUŁ's Bielsko-Biała Branch, from 1973 to 2001 as the Managing Director of the Institute. He has been

Vice-Dean of the Textile Faculty in the periods from 1973-77 and 1991-92, Dean of the Faculty of Textile Engineering and Environmental Protection from 1992-93, and Pro-Rector of the TUŁ, responsible for the Bielsko-Biała Branch 1993-99. At present he is a Professor of the University of Bielsko-Biała. Prof. Włochowicz's specialisation includes investigations into the structure of fibres and fibre-grade polymers, especially following interaction with different external parameters, as well as modification of the submolecular structure of natural and chemical fibres. He has created a new school of structural investigation into fibres and polymers, especially using the WAXS and SAXS methods. Prof. Włochowicz is the author of 130 monographs and scientific dissertations, 150 published scientific papers, 82 works presented in conference proceedings and 5 university text books. Prof. Włochowicz is a member of The Textile Institute, Manchester (1994-); the American Institute of Physics (1992-); the New York Academy of Sciences (1993-); the American Association for the Advancement of Science (2000-); the British Society of Rheology; several committees and commissions of the Polish Academy of Sciences (PAN) including those for material science, chemistry, polymer chemistry, analytical chemistry, polymer analysis, and metrology; the Scientific Association of Łódź (1975-), and the Central Commission for Scientific Titles and Degrees (1993-96). He has also been a member of Scientific Boards of the Institute of Natural Fibres 1976-96 (chairman 1984-95), the Beskid Textile Institute 1973-2000 (chairman 1988-2000), the Institute of Textile Material Engineering 1987-97, the Centre of Polymer Chemistry of PAN (1980-..), the Centre of Molecular and Macromolecular Research of PAN (1988-), and of the Institute of Chemical Fibres since 1990, where he has been Chairman of the Board since 1995.

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ul. M. Skłodowskiej-Curie 19/27, 90-570 Łódź, Poland

Tel.: (48-42) 638-03-00, 637-65-10, fax: (48-42) 637-65-01

e-mail: iwch@iwch.lodz.pl, infor@iwch.lodz.pl ■ Internet: <http://www.fibtex.lodz.pl>