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Dr. Alexander L. Kalamkarov is a Professor of Mechanical Engineering at the Dalhousie University in Halifax, Canada since 1993, and Director of Smart Materials Centre since 1995. He was awarded PhD degree from the Moscow Lomonosov State University in 1979 and the Doctor of Sciences (Habilitation) from the Academy of Sciences of the USSR in 1990. His academic career spans over 44 years in Research and University teaching. He has taught in the Universities in the USA, England, France, Australia, Japan, Brazil and visited numerous Universities and Research Institutes around the world. Prof. Kalamkarov is awarded the CANCAM Gold Medal for the “outstanding contribution in the area of Applied Mechanics” in 2011. He is awarded the Fellow of the American Society of Mechanical Engineers (ASME) in 2002; the Fellow of the Canadian Society for Mechanical Engineering (CSME) in 2001; and the Fellow of the Japan Society for Promotion of Science (JSPS) in 2007. Prof. Kalamkarov is a Member of numerous prestigious International Editorial and Advisory boards and the International Conference Organizing Committees in the area of advanced composite materials and smart structures.

Research performed by Prof. Kalamkarov in the areas of advanced composite materials and smart materials and structures is internationally recognized. He has authored more than 350 research publications, including over 170 refereed journal papers, 8 Research Monographs and 2 US patents. Prof. Kalamkarov has made major contribution to the fundamental micromechanical analysis, design and optimization of composite materials and smart composite structures, composite reinforced shells and plates.