



### **Topic of the Speech:**

Application of Information Technology to the Field of Textile and Apparel

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**Professor Shigeru Inui** is a professor in Kansei engineering course, Faculty of Textile Science and Technology, Shinshu University. At the same time, he was a member of the Institute for Fiber Engineering, Interdisciplinary Cluster for Cutting Edge Research, Shinshu University. He is also Chairman of Educational Strategy Committee of Shinshu University Leading Graduate School "Global Leader Program for Fiber Renaissance".

He obtained his doctor of engineering at Kansei Production System, Shinshu University in 1998. He got his MS degree at the Department of Systems Science, Graduate School of Science and Engineering, Tokyo Institute of Technology in 1982. He graduated at the Department of Mechanical Engineering, Waseda University in 1980. He joined National Institute of Fiber and Polymer Materials, Agency of Industrial Science and Technology, Ministry of International Trade and Industry in 1984. Participated in a large-scale project "Development of automatic sewing system" by the Ministry of International Trade and Industry, and engaged in the research on the recognition and evaluation of the quality of sewing products and cloth simulation. Due to the organizational change, the National Institute of Fiber and Polymer Materials now has become the National Institute of Advanced Industrial Science and Technology (AIST). He became an associate professor in the Department of Kansei Engineering, Shinshu University in 2002. He has been studying to apply information technology including simulation to the field of textiles and fashion. He is currently interested in verifying local deformation behavior of yarn and cloth, verifying the predicted results of cloth and clothes simulation, simulation of fluid, heat, and moisture in clothes, and virtualizing clothes design.