



# THE UNIVERSITY OF TOKYO

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## Presentation title: “**Cellulose Nanofibers and Nanocrystals: Renewable Nanomaterials with Unique Morphologies and Surface Structures**”

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### **Akira ISOGAI**

Professor, Department of Biomaterials Science, Graduate School of Agricultural and Life Sciences,  
The University of Tokyo

#### **Academic qualification:**

1980: Bachelor from The University of Tokyo  
1985: Ph.D from The University of Tokyo  
1985-1986: Post-doctoral fellow, The Institute of Paper Chemistry, Appleton, WI, USA  
1986-1994: Assistant Professor, The University of Tokyo  
1989-1990: Visiting Scientist, Forest Products Laboratory, USDA, Madison, WI, USA  
1994-2003: Associate Professor, The University of Tokyo  
2003-present: Professor, The University of Tokyo  
2016: Honorable Doctor of Science in Technology from Aalto University, Finland

#### **Research Achievements:**

401 Peer-reviewed publications, 173 Books and reviews, and 131 Patents

#### **Membership:**

Nanocellulose Forum: President (2018-)  
High Performance Paper Society of Japan: President (2019-)  
Japan Technical Association of Pulp & Paper Industry: Board (2003-)  
Members: American Chemical Society, etc.

#### **Research fields:**

Cellulose & polysaccharide chemistry, bionanomaterials science, and natural polymer science

**Awards:** Marcus Wallenberg Award, from Wallenberg Foundation, Sweden (2015)

Anselme Payen Award, from American Chemical Society, Cellulose and Renewable Material Division (2015)

TAPPI Fellow, from Technical Association of Pulp and Paper Industry (2016)

Honda Prize, from Honda Foundation (2016)

Fujihara Prize, from Fujihara Foundation of Science (2017)

Japan Academy Prize, from The Japan Academy (2019), etc.