

# GCT Materials for energy conversion and storage: renewable energy, solar energy conversion, electrification, sustainable processes and use of resources



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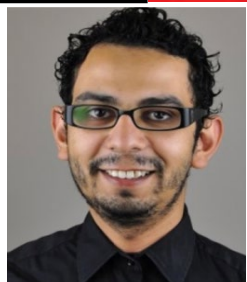
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# Members of GCT Materials for energy conversion and storage



**Zakaria Ziadi**

Okinawa Institute of Science and Technology

*Development of novel carbon nanomaterial-based devices*



**Feng Gao**

Linköping University

*Organic semiconductors, perovskite semiconductors, solar cells, LEDs, detectors*

Co-chairs



**Masahiro Yoshizawa-Fujita**

Sophia University

*Development of nonvolatile and nonflammable electrolyte materials; ionic liquids easily dissolving poorly soluble cellulose*



**Ranjula Bali Swain**

Stockholm School of Economics

*Energy Economics, Economic Development, Sustainable Finance, Sustainable Dev., Gender and Circular Economy*



**Takayuki Ichikawa**

Hiroshima University

*Solid state hydrogen storage materials in metallic and non-metallic states*



**Hirohiko Shimizu**

Nagoya University

*Elementary particle physics, general use of neutrons for material researches*



**Xiaoyan Ji**

Luleå University

*Fluidic materials for energy applications, gas separation, electrocatalytic conversion, battery development*



**Leteng Lin**

Linneaus University

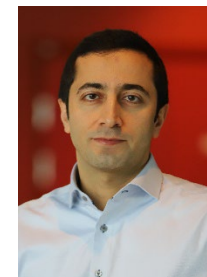
*Process- and- system level optimization of producing fossil-free energy*



**Roman Selyanchyn**

Kyushu University

*Carbon dioxide separation, capture, storage, utilization, and management.*



**Mahmoud Mousavi**

Uppsala University

*Mechanics and multiphysics of architected materials in different applications including energy technologies.*

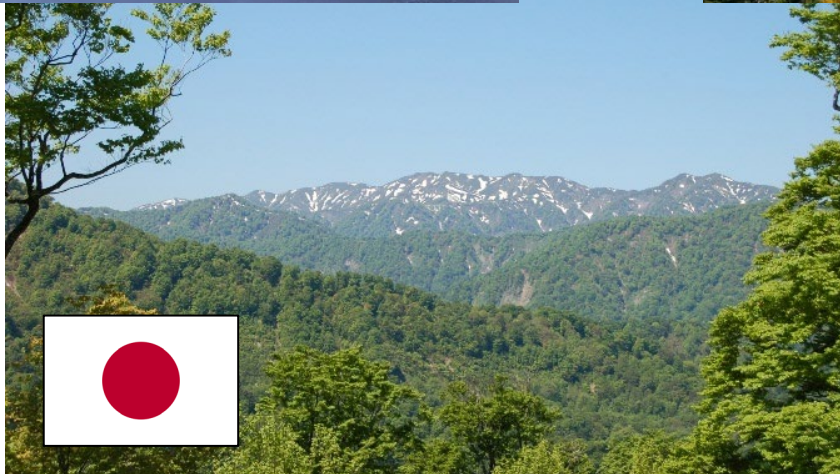
# Goals and ambitions of GCT Materials



<https://kinarino.jp/cat8/19741>



<https://kinarino.jp/cat8/10252>

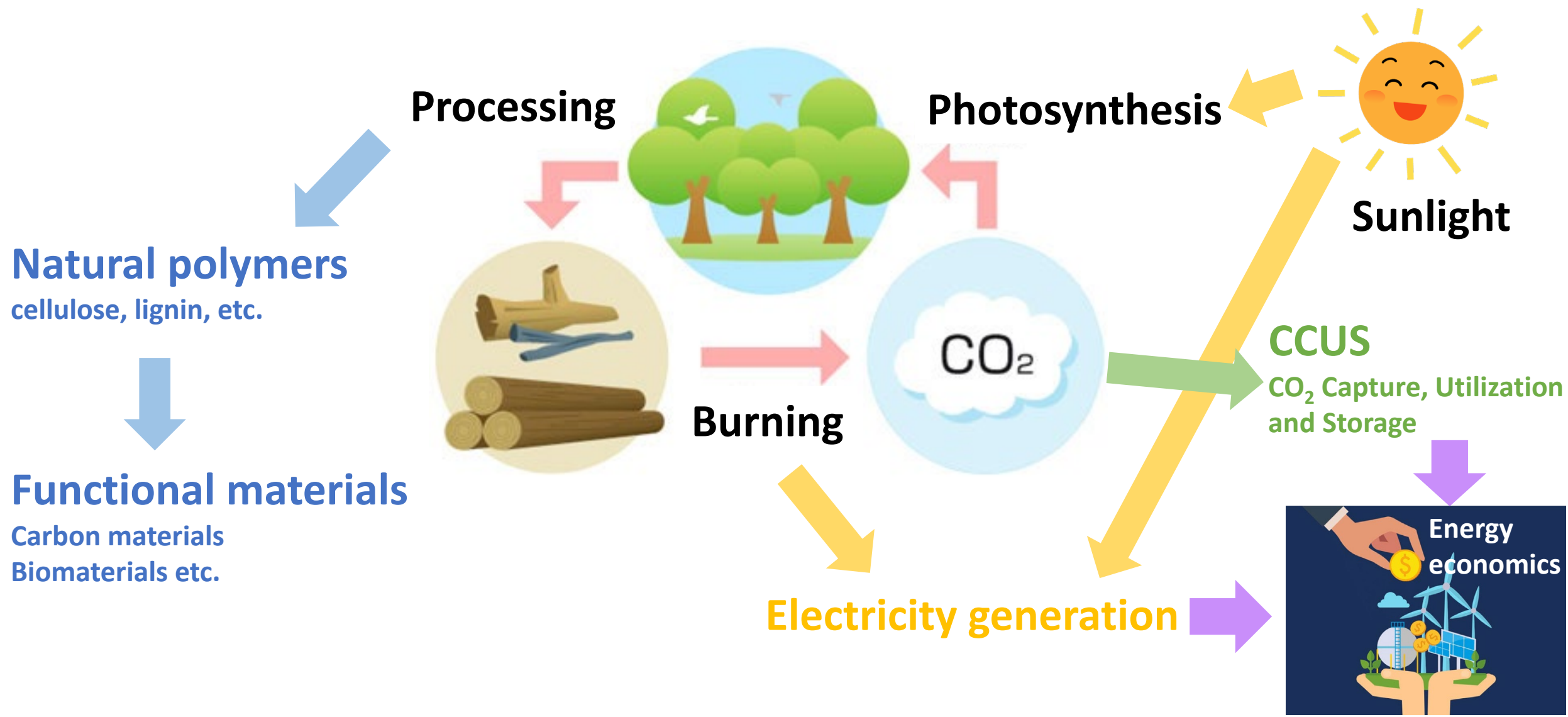


<https://www.shirakami-visitor.jp/nyuuzan.html>



<https://tabippo.net/sweden-worldheritage/>

# Goals and ambitions of GCT Materials





# Materials for MIRAI-- Materials for Bright Future

Contact the co-chairs:

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