Workshop Living MateriArchitecture

International, Government, Industry, Academic

**2020, March 10 (Tue)**

10:30～10:40

**Akira SAITO** (Associate Professor, Osaka Univ.)

Opening Remark

10:40～11:10

**Akihiko OKADA** (NEDO)

　 Bio-nano Materials as Technological Approaches toward Social Needs

11:10～12:20

**Thomas SPECK** (Professor, Univ. of Freiburg)

Bioinspired adaptive materials systems: concepts for a smart architecture in the 21st century

12:20～13:30 Lunch Break

13:30～14:30

**Masatsugu SHIMOMURA** (Professor, Chitose Inst. of science and technology)

Biomimetics: Sustainable Survival Paradigm in Anthropocene

14:30～15:30

**Satoshi SAKAI** (Professor, Kyoto Univ. )

Three dimensional but also two dimensional: Necessity of Fractal

15:30～15:50　 Break

15:50～16:20

**Maki SUGIMOTO** (Dputy General Manager, Future Co-creation Center,

Daiwa House Industry Co.,Ltd.)

　 Old and New approaches to Biomimetics ~The founder spirit and our efforts

16:20～17:05

**Masahiro ASUKA** (Executive Director, Sekisui Integrated Research Inc.)

　 A way of Design Thinking how Engineers Innovate Products by Nature Inspired Ideas

18:00～ Welcome (in Campus, Café terrace TAKUMI)

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**March 11 (Wed.)**

10:30～11:30

**Mamoru TANIGUCHI** (Professor, Univ. of Tsukuba)

Urban Planning by Learning from Living Creatures

11:30～12:40

**Estelle CRUZ** (Project manager, CEEBIOS)

Architecture & Biomimetisme : Context and Opportunities

12:40～14:00 Lunch Break

14:00～15:00

**Masahito YAMAMOTO** (CEO, TANEYA Group)

　 Taneya Group's Approaches Learning from Nature

15:00～15:20 Break

15:20～16:05

**Shinichi KABURAGI** (Planning & Design, Design Division, Taisei Corporation)

　 Practices in Urban Redevelopment Considering Urban Ecosystem

16:05～16:50

**Akira SAITO** (Osaka Univ.)

　 Bridge "from Material to Architecture" in Biomimetics

Closing Remark