



# TSUKUBA GLOBAL SCIENCE WEEK

~A Brighter Future through Transdisciplinary Collaborations~

## Joint Sessions:

Session 4 Universe Evolution and Matter Origin

Session 5 Research Frontier of Developing Energy  
and Environmental-friendly Materials

DATE : September 30, 2015 (Wed.) 9:00 ~ 17:30

VENUE: EPOCHAL TSUKUBA / International Congress Center

URL: <http://www.kokuren.tsukuba.ac.jp/TGSW2015/>

### Description: Session 4

Research in the fields of elementary particles, nuclear physics, and astrophysics is being conducted at the Center for Integrated Research in Fundamental Science and Engineering (CiRfSE), with the aim of understanding them from a unified view of the history of the universe. We review recent developments and discuss prospects in the near future.

### Description: Session 5

The topics in this section are focused on recent progress in a variety of fields related to energy-related functional and sustainable materials including fuel cells, photovoltaics, nano-functional systems, etc.

**Session Organizers:** Fumihiko Ukegawa(Session 4), Tatsuya Nabeshima(Session 5)

### Speakers

#### Session 4 (Venue: Convention Hall 300)

Guillaume Unal (CERN, Switzerland)  
Roy Lacey (State University of New York at Stony Brook, USA)  
Leonardo Bronfman (University of Chile, Chile)  
SooBong Kim (Seoul National University, Korea)  
Hideki Okawa (University of Tsukuba)  
Oliver Busch (University of Tsukuba)  
Yaxian Mao (Central China Normal University, China)  
Yuji Takeuchi (University of Tsukuba)  
Hiroshi Nakagomi (University of Tsukuba)  
Nario Kuno (University of Tsukuba)

#### Session 5 (Venue: Convention Hall 300 and Conference Room 405)

Bo Iversen (CMC, Aarhus University)  
Junfa Zhu (University of Science and Technology of China)  
Cheng-Hao Chuang (Tamkang University)  
Shin-ichi Adachi (IMSS, KEK)  
Yoshihisa Harada (ISSP, the University of Tokyo)  
Hideharu Niwa (University of Tsukuba)  
Yu Kwon Kim (Ajou University)  
Shin-ichiro Fujita (Hokkaido University)  
Tsuyoshi Takata (GREEN, NIMS)  
Junpei Kuwabara (University of Tsukuba)

多くの皆様のご参加をお待ちしています  
登録はTGSWのホームページから

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