Sept. 30, 2015
K. Kanaya

CiRfSE Joint-Sessions in TGSW 2015

Session 4: Universe Evolution and Matter Origin

exchange latest achievements
to construct an integrated view on the History of the Universe

Session 5: Research Frontier of Developing Energy and Environment-friendly Materials

co-hosted by TIMS

accelerate the research frontier
through clarification of the basic processes at the atomic/molecular level

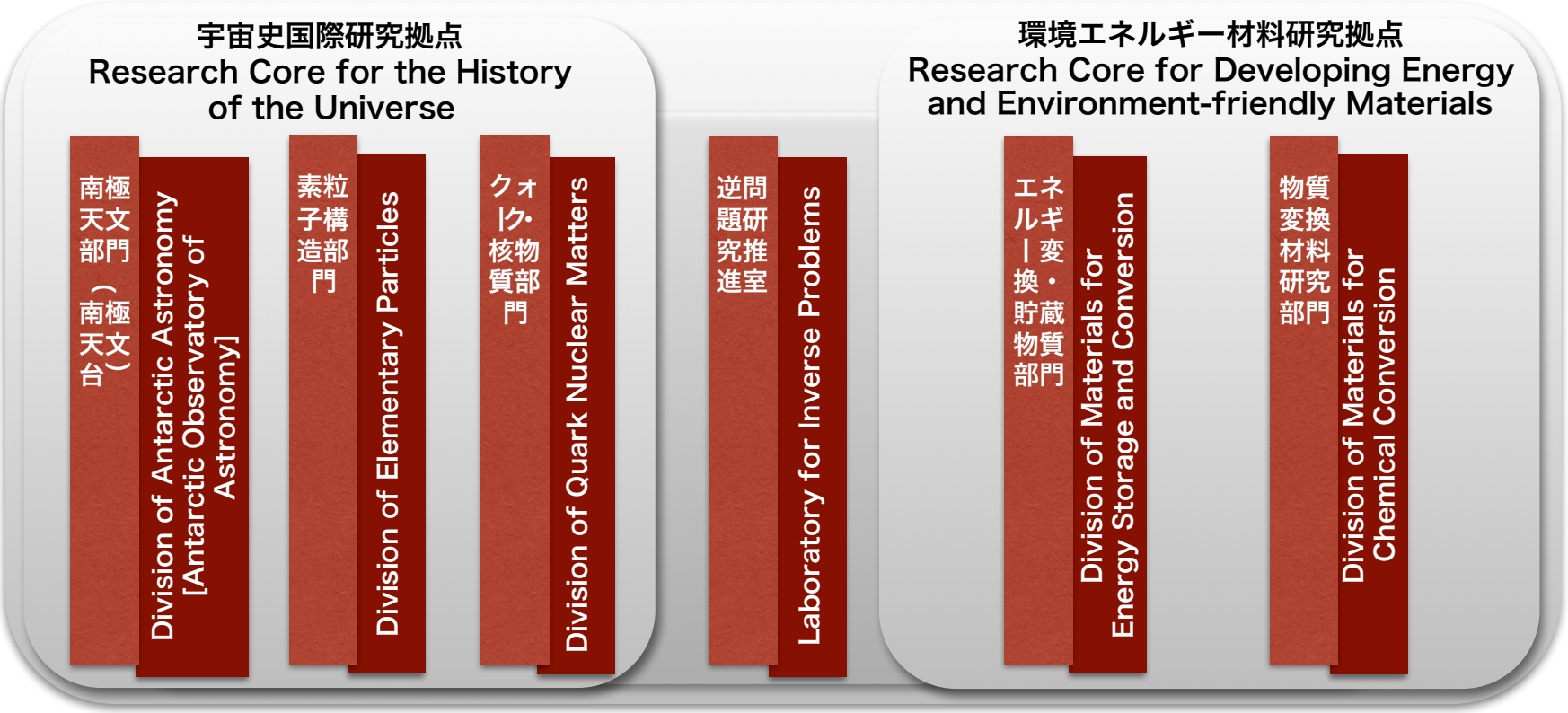
many common features/procedures as the basic science
=> Further exchange will benefit not only addressing issues in each field but also exploration of new subjects.

CiRfSE and TIMS were founded to encourage such exchanges.

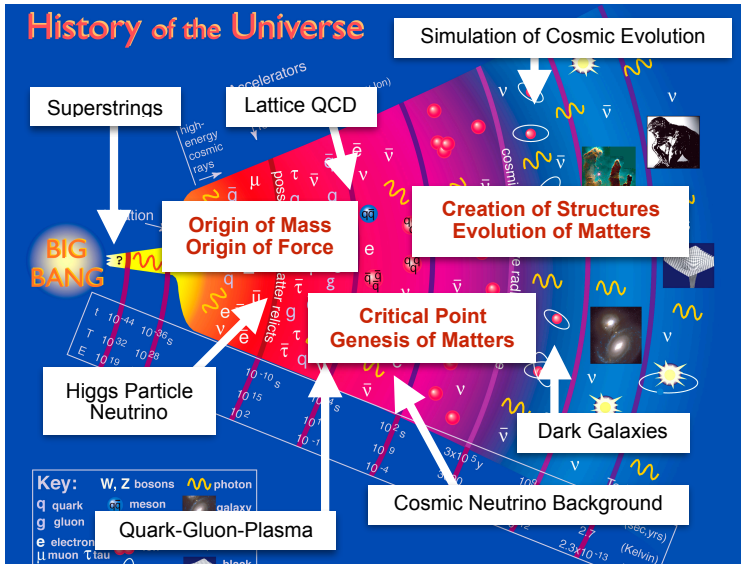
= Center for Integrated Research in Fundamental Science and Engineering

founded on Sept. 1, 2014 in the Faculty of Pure and Applied Sciences, Univ. Tsukuba,
to accelerate two core programs of the Faculty
by integrating our research activities in fund. science and engineering.

- Construct an integrated view of the History of the Universe
- Develop innovative substances and materials for a sustainable society



Research Core for the History of the Universe



Construction of integrated view
of the History of the Universe
by coordinating research activities in

- particle physics,
- quark nuclear matter physics,
- and astrophysics.

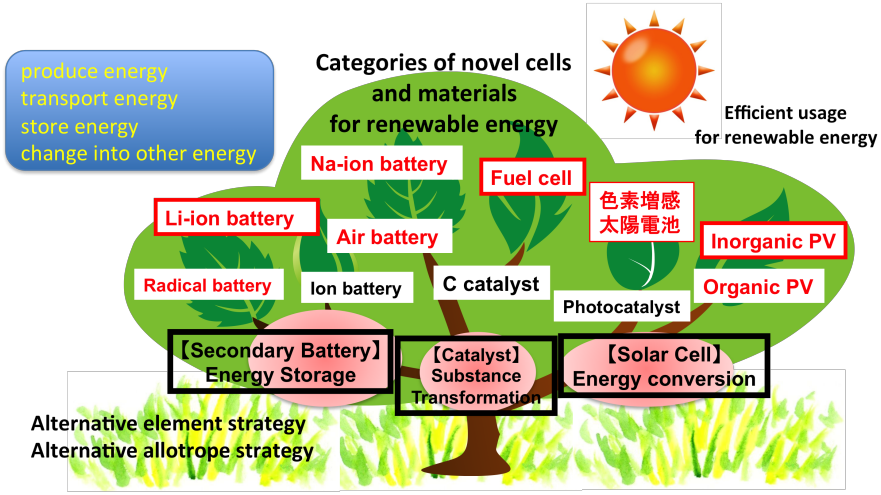
=> Session 4

Research Core for Developing Energy and Environment-friendly Materials

Development of
innovative substances and materials
for highly efficient

- energy conversion,
- energy storage,
- and usage of renewable energy

towards realization of a sustainable society.



=> Session 5

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.

CiRfSE

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)

Please
enjoy the discussions
and
take advantage of
visiting the next session
to enlarge the scope.