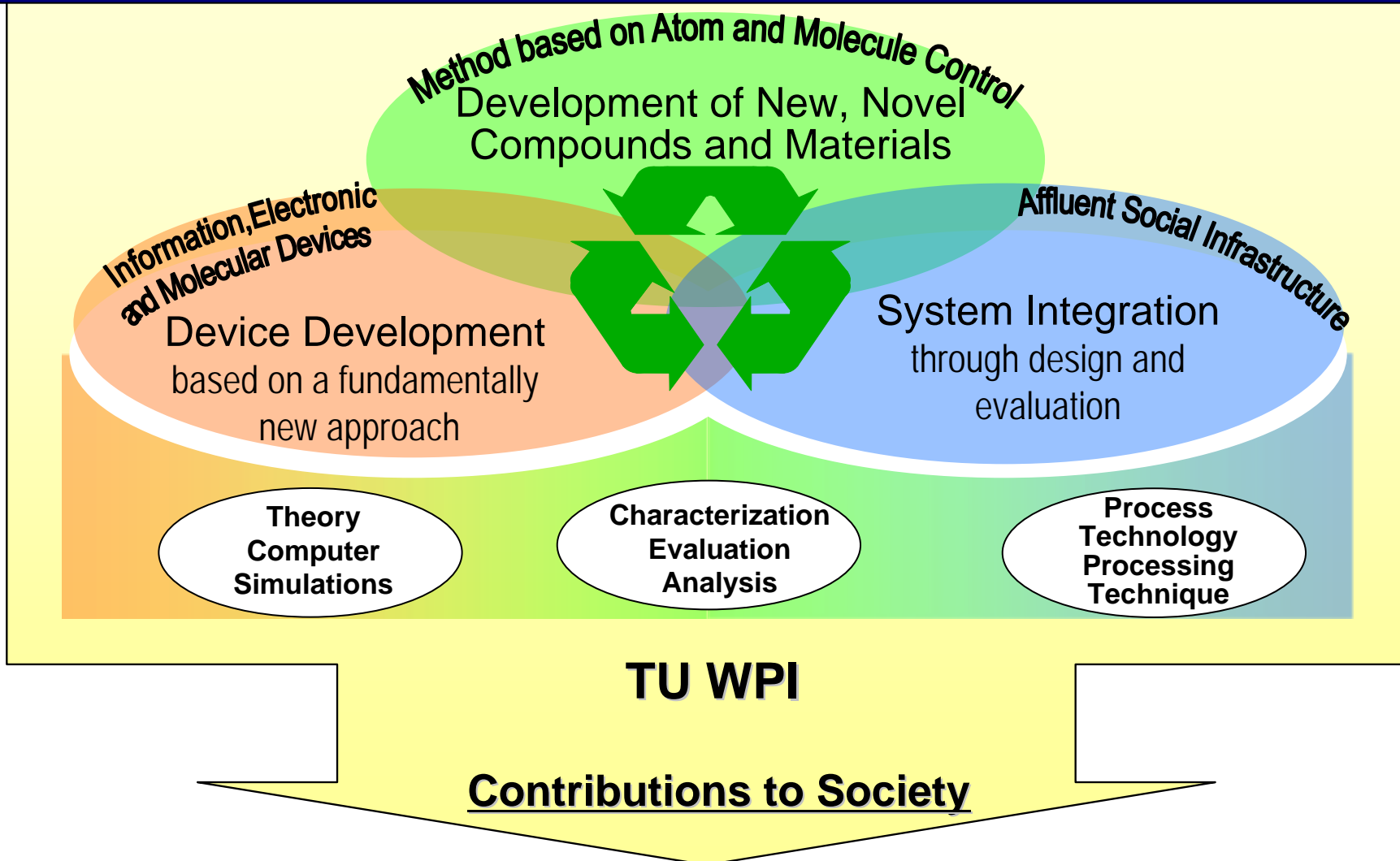


Outline of Selected Projects Comments by Program Committee

Host institution name	Tohoku University
Title of center project	The WPI Research Center for Atom · Molecule · Materials
Chief entire-project officer	Akihisa Inoue
Chief center-project officer	Yoshinori Yamamoto (Affiliation: Graduate School of Science, Tohoku University, Title: Professor)
Prospective center director	Yoshinori Yamamoto (Affiliation: Graduate School of Science, Tohoku University, Title: Professor)
<p><Project Summary></p> <p>The main objective of the Center is to promote the development of new materials under a world-leading organization for interdisciplinary research in functional materials, by use of an innovative method of atomic and molecular control, departing from the typical approaches and moving towards the next generation. In addition to basic research, the Center will pursue (1) the creation of new compounds and materials with innovative functions which exceed existing ones, (2) the construction of devices based upon a new fundamental paradigm, and (3) the promotion of applied research projects on materials and system architecture that will generate direct societal impacts. In addition, the Center will establish innovations in understanding diverse material functions through the creation of new basic materials and compounds which brings significant benefits for the future of humanity.</p> <p><Remarks></p> <p>The activities of Tohoku University in this field are well recognized within the global community, and thus deserve high attention.</p> <p>The head of the institution and the prospective center director appear to possess strong leadership and attractiveness.</p> <p>The level of research is world-leading. President Inoue, in particular, has been a true pioneer in advancing new fields of research in metallic glass. More excellent achievements can be expected under the WPI Initiative.</p> <p>Commitment and confidence of Tohoku University in the need for and viability of the center project are well presented.</p>	

From Atom/Molecule Control to Benefiting Society



Development of Innovative Materials by Atom/Molecule Level Control.
Establishment of WPI on Materials Research based upon
Innovative and Creative Materials Research Projects