

(A) Fundamental Research

(1) Super real-time tracking Innovation

- W.Quan (TMU)
- Y.Toda (OU)

(2) Super real-time Monitoring Innovation

- W.Chin (TMU)
- N.Kubota (TMU)

(3) Online Machine Learning Innovation

- W.Chin (TMU)
- N.Kubota (TMU)

(4) Online Robot Adaptation Innovation

- Azhar (TMU)
- N.Kubota (TMU)

Technological
Innovation in Society 5.0

(B) Application Research

(5) Robot Module Development

- Robot platform building
- Robot vision module developments
- K.Wada (TMU) Middleware
- N.Takesue & Y.Fujimoto (TMU)
Robot vision units
- N.Kubota & Azhar (TMU)
Crawler units / Human mobility support units
- K.Watanabe (PTU) Drone units

(7) Proof of Concept

Experiments towards social implementations

(C) Social Implementation Research

(6) Robot Intelligence Innovation Consortium

- S.Fukuda (TUAT) Agriculture
- H.Yamaguchi (FFPRI) Forestry
- Y.Matsui (NTSEL) Traffic Science
- M.Tsujimoto (KINDEN) Instrumentation
- T.Sawayama (NSI) Maintenology
- M.Hashimoto (TMU) Rehabilitation and Welfare
- H.Tozawa (DAISUE) Construction
- H.Goto (LIVET) Medical Care

[International Members]

- H. Liu & Z.Ju (Univ. of Portsmouth, UK)
- C.K.Loo & C.S.Chan (Univ. of Malaya, Malaysia)
- S.Egerton (La. Trobe Univ., AU)