



Division of Computational Informatics Computational Intelligence / Computational Media

Web service system for large meteorological DB

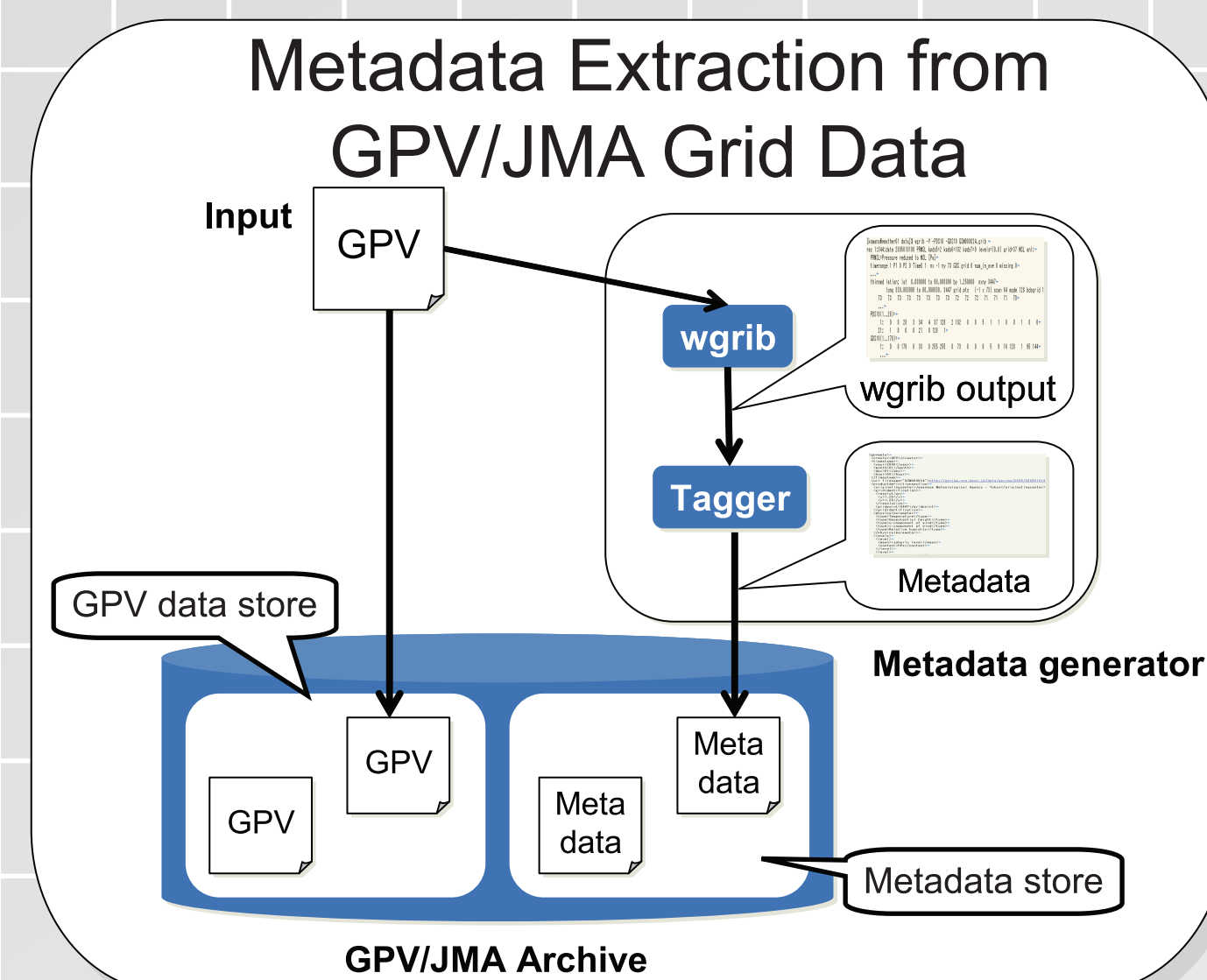
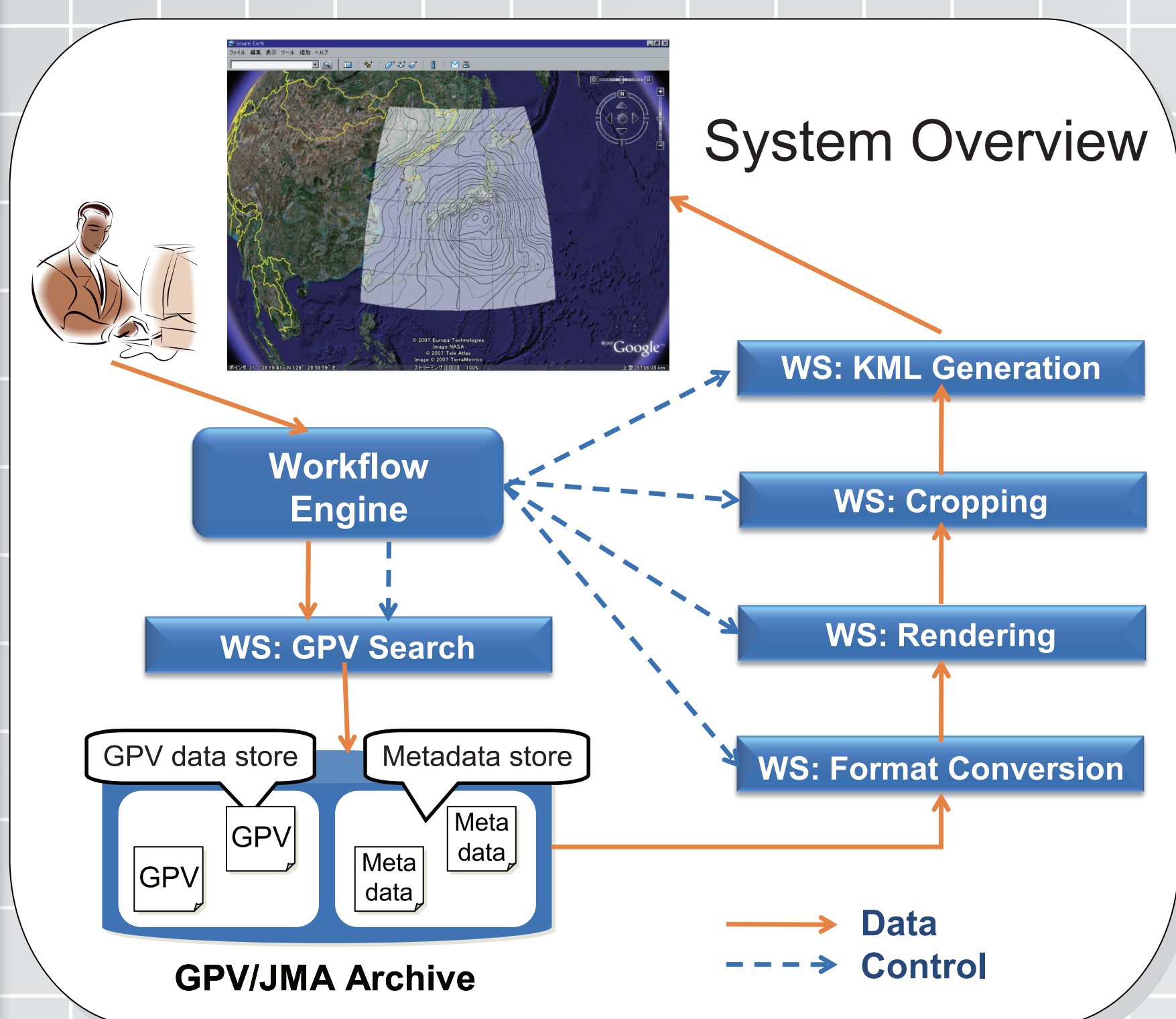
Constructed on top of GPV/JMA Archive

- GSM, RSM, MSM, Ensemble forecast by JMA
- 170 registered users and 1TB stored data

Providing services for manipulating meteorological data

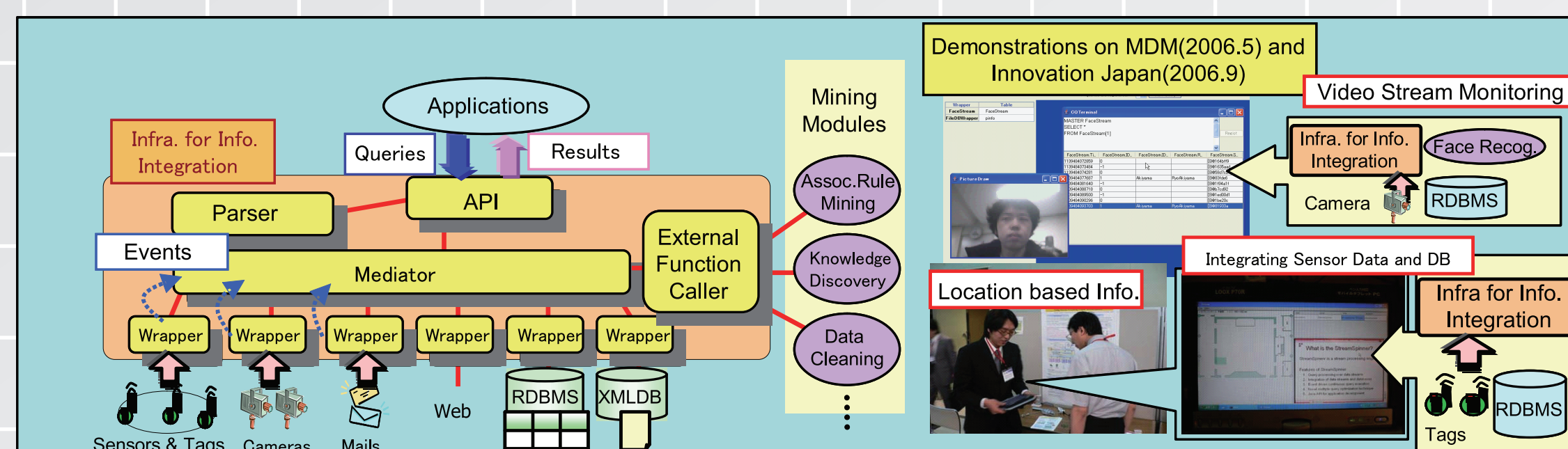
- Format conversion, rendering, image manipulation, etc.

BPEL-based workflow engine to orchestrate the functionalities



Infrastructure for real-world data integration

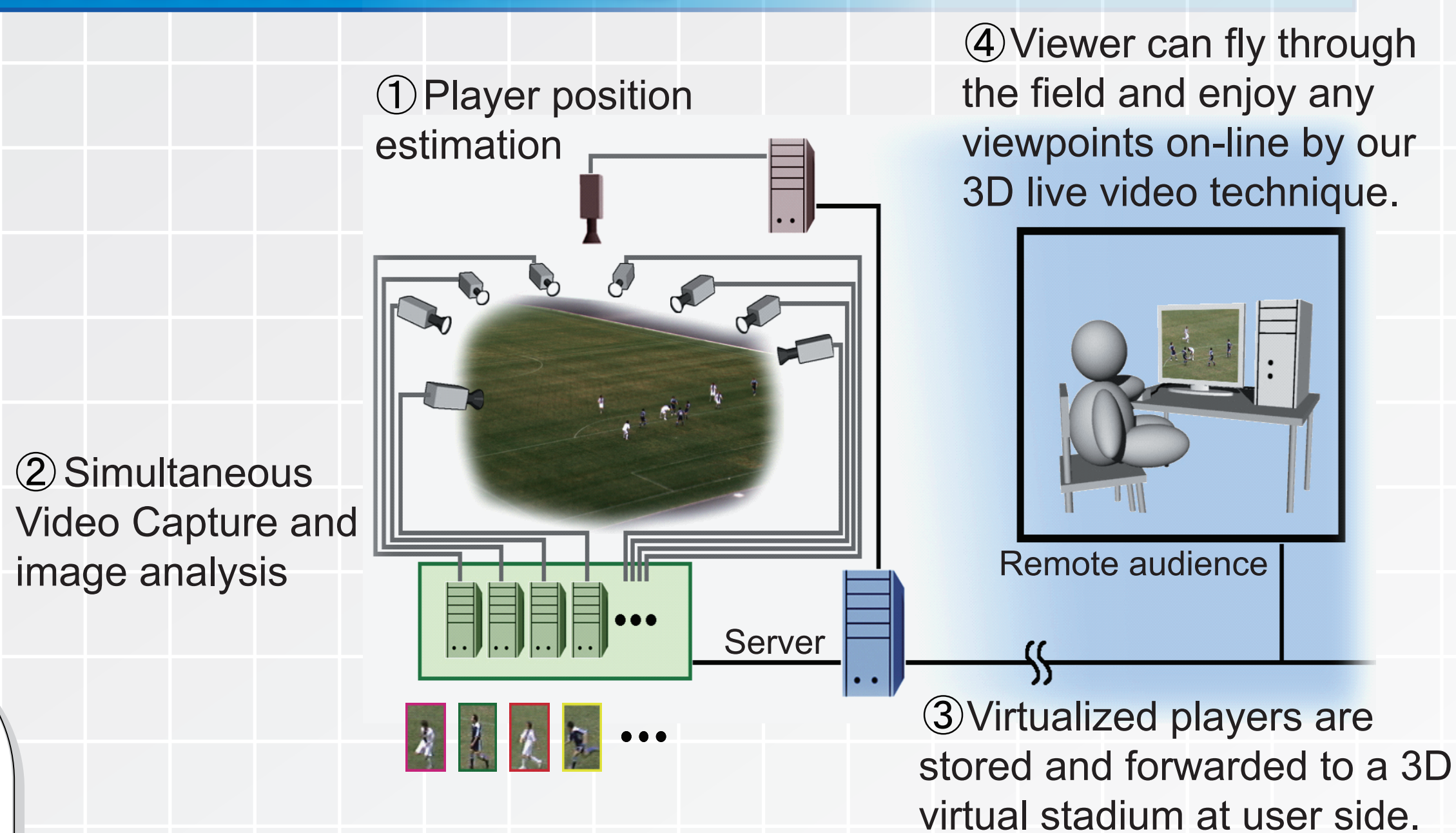
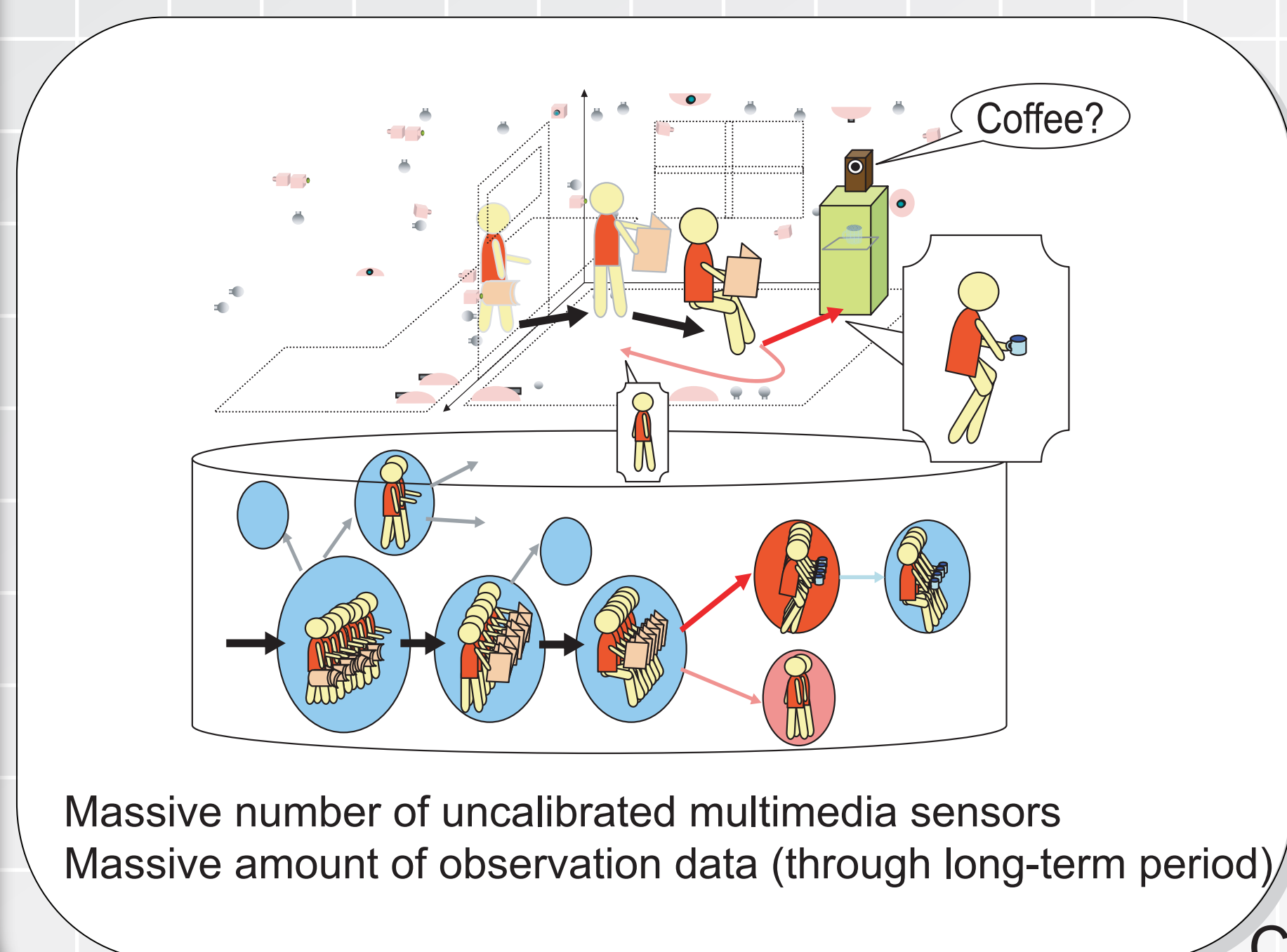
Stream processing engine StreamSpinner
- <http://www.streamspinner.org>



Contact: {kitagawa, kawasima, amagasa}@cs.tsukuba.ac.jp

Free Viewpoint Watching of Live Soccer Games

Multiple viewers over computer network can browse a live soccer game from 3D free viewpoints.



Massive Sensing

Intelligent video processing and human behavior understanding by networked sensors



Contact: {ohta, kameda, kitahara}@iit.tsukuba.ac.jp