

# Japan-Thailand Joint Seminar on Fixed Point Algorithms in Optimization

September 6–7, 2007

## Program

September 6 (Thursday)

- 13:10–13:20 Opening
- 13:20–13:50 Wataru Takahashi (Tokyo Institute of Technology, Japan)  
Proximal point algorithms in optimization and four resolvents in Banach spaces
- 13:50–14:20 Poom Kumam (King Mongkut’s University of Technology Thonburi, Thailand)  
Random coincidence and random common fixed points of nonlinear multivalued random operator
- 14:20–14:50 Hideaki Iiduka (Tokyo Institute of Technology, Japan)  
A new algorithm for the convex optimization problem over the fixed point set of a nonexpansive mapping
- 15:10–15:40 Sornsak Thianwan (Naresuan University, Thailand)  
New approximation schemes for two asymptotically nonexpansive nonself-mappings in a Banach Space
- 15:40–16:10 Kei Zembayashi (Tokyo Institute of Technology, Japan)  
Solutions of equilibrium problems and the fixed points of relatively non-expansive mappings in optimization
- 16:20–16:50 Koji Aoyama (Chiba University, Japan)  
Convergence theorems for a nonexpansive mapping and an equilibrium problem in Hilbert spaces
- 16:50–17:20 Somyot Plubtieng (Naresuan University, Thailand)  
Strong convergence theorems of hybrid methods for asymptotically non-expansive mappings

September 7 (Friday)

- 10:00–10:30 Suthep Suantai (Chiang Mai University, Thailand)  
On the James constant and B-convexity of Cesaro and Cesaro-Orlicz sequence spaces
- 10:30–11:00 Fumiaki Kohsaka (Tokyo Denki University, Japan)  
Common fixed points of an infinite family of relatively nonexpansive mappings in Banach spaces
- 11:10–11:40 Weerayuth Nilsrakoo (Khon Kaen University, Thailand)  
Strong convergence theorems for countable nonexpansive mappings in a Banach space
- 11:40–12:10 Hiroshi Takahashi (Tokyo Institute of Technology, Japan)  
Existence and approximation of solutions for equilibrium problems
- 13:20–13:50 Shigeo Akashi (Tokyo University of Science, Japan)  
Fixed point theoretic aspects of data processing
- 13:50–14:20 Satit Saejung (Khon Kaen University, Thailand)  
Strong convergence theorems for asymptotically nonexpansive mappings
- 14:20–14:50 Sachiko Atsushiba (Shibaura Institute of Technology, Japan)  
Strong convergence theorems for a countable family of nonexpansive mappings
- 15:10–15:40 Attapol Kaewkhao (Burapha University, Thailand)  
Geometric constants and some fixed point theorems
- 15:40–16:10 Yasunori Kimura (Tokyo Institute of Technology, Japan)  
A sequence of resolvents and set-convergence
- 16:10–16:40 Sompong Dhompongsa (Chiang Mai University, Thailand)  
The DL-condition and fixed point theorems
- 16:40–17:30 Discussion
- 17:30–17:40 Closing