

Sessions

The four-day technical program consists of keynotes, invited talks, and parallel sessions. All keynotes are held at Hall A and invited talks are held at Halls A and B. Each parallel session has five clusters and is held at Rooms C and to G.

Each session has a four-letter code like (**FR1A**). The first two letters stand for the day:

FR: March 27th, Friday,
SA: March 28th, Saturday,
SU: March 29th, Sunday,
MO: March 30th, Monday.

The third digit stands for the period. The last letter corresponds to the hall/rooms to be held.

The symbol * indicates the presenter of the joint work. The number after author's name is the page of the abstract.

Keynote lectures are assigned 35min for each talk and invited talks are assigned 30min. Each parallel session has 80–110min for 2–4 speakers. In general, each talk has 25min including questions and answers. Several speakers in the special sessions will have more time. For details, please ask the chairperson or the organizer of each special session.

March 27th (Fri), Afternoon

TIME	Hall A
13:00	Opening Ceremony
13:20	
13:30	Keynote (FR1A)
14:40	

[FR1A] Keynote (chair: W. Takahashi).

- (1) **R. T. Rockafellar**
Convex analysis in risk assessment and statistics
- (2) **Masao Fukushima**
Regularity and nonsmooth Newton method for second-order cone programs

TIME	Hall A	Hall B
15:00	Invited	Invited
16:30	(FR2A)	(FR2B)
16:40	Invited	Invited
17:40	(FR3A)	(FR3B)

[FR2A] Invited Talks (chair: G. M. Lee).

- (1) **S. Dhompongsa* and W. Inthakon**
Note on the DL-condition and the separability of Banach spaces
- (2) **Hidefumi Kawasaki**
Duality theorem for the three-phase partition problem via minimax theorem
- (3) **Jong Soo Jung**
Strong convergence on viscosity iteration methods for nonexpansive semigroups

[FR2B] Invited Talks (chair: M. Fukushima).

- (1) **Toshihiko Nishishiraho**
Convergence rates of summation processes of convolution type operators
- (2) **Mircea Balaj and Lai-Jiu Lin***
Generalized variational relations problems with applications
- (3) **Tetsuzo Tanino**
Cost allocation in minimum cost spanning tree situations with some structures

[FR3A] Invited Talks (chair: H. Kawasaki).

- (1) **Naoto Komuro*, Kichi-suke Saito, and Ken-ichi Mitani**
Extremal structure of absolute normalized norms on \mathbb{R}^2 , II
- (2) **Yeol Je Cho**
Strong convergence of the Halpern-type sequence for pseudo-contractive mappings

[FR3B] Invited Talks (chair: N. D. Yen).

- (1) **Teturo Kamae**
Uniform sets and complexity
- (2) **Shigeo Akashi* and Satoshi Kodama**
Entropy theoretic approximation of nonlinear numerical data

March 28th (Sat), Morning

TIME	Hall A
9:15	Keynote
10:25	(SA1A)

[SA1A] Keynote (chair: R. T. Rockafellar).

- (1) **Sehie Park**
Some equilibrium problems in KKM spaces
- (2) **Kazimierz Goebel**
Mean Lipschitzian mappings

TIME	Hall A	Hall B
10:40	Invited	Invited
11:40	(SA2A)	(SA2B)

[SA2A] Invited Talks (chair: T. Tanino).

- (1) **Qamrul Hasan Ansari* and Ali P. Farajzadeh**
On some aspects of equilibrium problems
- (2) **Nguyen Huy Chieu, Jen-Chih Yao, and Nguyen Dong Yen***
Relationships between the Robinson robust stability and the Aubin continuity property of implicit multifunctions

[SA2B] Invited Talks (chair: S. Reich).

- (1) **Suthep Suantai* and Atid Kangtunyakarn**
Hybrid iterative scheme for generalized equilibrium problems and fixed point problems of finite family of nonexpansive mappings
- (2) **Jong Kyu Kim**
Nonlinear set-valued mixed variational inclusions involving (A, η) -accretive mappings in Banach spaces

March 28th (Sat), Afternoon

TIME	Hall A
13:20	Keynote
14:30	(SA3A)

[SA3A] Keynote (chair: K. Goebel).

- (1) **Simeon Reich**
Approximating fixed points of holomorphic mappings in the Hilbert ball
- (2) **Hang Chin Lai**
A variational problem and optimal control

TIME	Room C	Room D	Room E	Room F	Room G
14:45	Parallel	Parallel	Parallel	Parallel	Parallel
16:05	(SA4C)	(SA4D)	(SA4E)	(SA4F)	(SA4G)
16:15	Parallel	Parallel	Parallel	Parallel	Parallel
18:05	(SA5C)	(SA5D)	(SA5E)	(SA5F)	(SA5G)

[SA4C] Parallel Session (chair: R.-L. Sheu).

- (1) **Yen-Cherng Lin**
The common properties for two kinds of F -implicit generalized vector variational inequalities
- (2) **Lai-Jiu Lin and Chih-Sheng Chuang***
Ekeland's variational principle and existence results of quasi-variational inclusion problems on sequentially complete and separated uniformly spaces
- (3) **Yosuke Araya* and Tamaki Tanaka**
On generalizing Cammaroto-Chinni's theorem

[SA4D] Parallel Session (chair: Y. Maruyama).

- (1) **Yutaka Kimura* and Mitsuhiro Hoshino**
Some methods for existence of equilibrium points of a noncooperative fractional game
- (2) **Rabia Nessah, Moussa Larbani*, and Tarik Tazdait**
Strong Berge-Pareto equilibrium: Existence and relation with strong Nash equilibrium
- (3) **Takashi Matsuhisa**
Can communication resolve moral hazard?

**[SA4E] Special Session: Fixed point theory and its applications I
(chair: S. Dhompongsa).**

- (1) **Phayap Katchang* and Poom Kumam**
Strong convergence of Ishikawa iterative method for infinitely many nonexpansive mappings in Banach spaces
- (2) **Weerayuth Nilsrakoo* and Satit Saejung**
Weak convergence theorems for a countable family of relatively nonexpansive mappings
- (3) **Daruni Boonchari* and Satit Saejung**
Approximation of common fixed points of relatively nonexpansive mappings

[SA4F] **Special Session: Fluid equations and related topics (chair: S. Nishibata).**

- (1) **Tohru Nakamura**
Stationary waves for viscous heat-conductive fluid in half space
- (2) **Masahiro Suzuki**
Relaxation limits to semiconductor models
- (3) **Seiji Ukai**
A new symmetrization of the relativistic Euler equations with several spatial variables

[SA4G] **Parallel Session (chair: Y. J. Cho).**

- (1) **Jung Im Kang**
Actions of semi-topological semigroups and its fixed points
- (2) **Hironichi Miyake* and Wataru Takahashi**
Mean ergodic theorems for almost periodic semigroups of mappings in Banach spaces
- (3) **Yu Kurokawa* and Wataru Takahashi**
A Nonlinear mean ergodic theorem for nonspreading mappings in a Hilbert space

[SA5C] **Parallel Session (chair: L.-J. Lin).**

- (1) **Yoshiyuki Sekiguchi*, Tomoyuki Takenawa, and Hayato Waki**
Real ideal and duality related to polynomial optimization
- (2) **Ruey-Lin Sheu**
Canonical dual solutions to the quadratic programming over a quadratic constraint
- (3) **Jen-Yen Lin* and Ruey-Lin Sheu**
Augmented Lagrange method and generalized fractional programs
- (4) **Radu Ioan Boţ*, Ernő Robert Csetnek, and Andreas Löhne**
On totally Fenchel unstable functions

[SA5D] **Parallel Session (chair: S. Yamada).**

- (1) **Jein-Shan Chen**
Growth behavior of some merit functions for symmetric cone complementarity problems
- (2) **Bo Kyung Choi* and Gue Myung Lee**
On complexity results for primal-dual interior-point methods for conic optimization problems
- (3) **Sangho Kum* and Yongdo Lim**
On generalized Fischer-Burmeister functions of second-order cone complementarity problems
- (4) **Hideho Ogasawara*, Yasushi Narushima, and Nobuko Sagara**
Convergence properties of a new smoothing Newton method for second-order cone complementarity problems

[SA5E] **Special Session: Fixed point theory and its applications II (chair: S. Suantai).**

- (1) **Rabian Wangkeeree and Uthai Kamraksa***
A general iterative method for solving the variational inequality problem and fixed point problem of an infinite family of nonexpansive mappings in Hilbert spaces
- (2) **Somyot Plubtieng and Kanokwan Sitthithakerngkiet***
Strong convergence theorem for a countable family of nonexpansive mappings in Banach space

- (3) **Krisana Sokhuma* and Attapol Keawkhao**
A common fixed point for asymptotically nonexpansive mapping and a multivalued nonexpansive mapping
- (4) **Chaichana Jaiboon*, Poom Kumam, and Usa Wannasingha Humphries**
A general modified three-step iteration methods for equilibrium problems and variational inequality problems

[SA5F] Parallel Session (chair: J. K. Kim).

- (1) **Sahar Mohamed Ali**
Extension of some fixed point theorems of $\{a, b, c\}$ type mappings in weakly Cauchy normed spaces
- (2) **Javid Ali* and M. Imdad**
A general common fixed point theorem with applications
- (3) **Toshiharu Kawasaki*, Masashi Toyoda, and Toshikazu Watanabe**
Fixed point theorems in a vector lattice
- (4) **M. Tanveer**
Remarks on some recent fixed point theorems for nonlinear contractions in Menger PM spaces

[SA5G] Parallel Session (chair: H. Komiya).

- (1) **Jun-ichi Sato* and Hidefumi Kawasaki**
A game theoretical meaning of unstable stationary points for the replicator dynamics
- (2) **Michiharu Masui**
Strategy and behavior of bounded rational players in repeated games
- (3) **Emiko Fukuda*, Atsushi Kawabata, and Michiharu Masui**
Effect of limiting ad spots in sponsored search auction: A computer simulation experiment
- (4) **Wei-Shih Du**
On versions of stationary point theorem for generated dynamical system and their applications

March 29th (Sun), Morning

TIME	Hall A
9:15	Keynote
10:25	(SU1A)

[SU1A] Keynote (chair: P. L. Yu).

- (1) **Leon Petrosyan* and Artem Sedakov**
Dynamic network games with perfect information
- (2) **Do Sang Kim**
Higher order duality for nondifferentiable multiobjective programs involving cones

TIME	Hall A	Hall B
10:40	Invited	Invited
12:10	(SU2A)	(SU2B)

[SU2A] Invited Talks (chair: D. S. Kim).

- (1) **Sy-Ming Guu**
Linear optimization under a fuzzy relational equation constraint
- (2) **Nguyen Quang Huy and Gue Myung Lee***
On sensitivity results for generalized perturbation multifunctions
- (3) **Siegfried Schaible**
The abstract equilibrium problem and some of its realizations

[SU2B] Invited Talks (chair: H.-C. Lai).

- (1) **Mikio Kato**
On inequalities related with uniform convexity
- (2) **Imchit Termwuttipong*, Wanida Hemakul, and Yupaporn Kemprasit**
Upper semi-continuous interval-valued multihomomorphisms
- (3) **Shigeru Furuichi, Ken Kuriyama, and Kenjiro Yanagi***
Remarks on trace inequalities for products of matrices

March 29th (Sun), Afternoon

TIME	Hall A
13:20	Keynote
14:30	(SU3A)

[SU3A] Keynote (chair: L. Petrosyan).

- (1) **Masakazu Kojima**
Global optimization using semidefinite programming relaxation
- (2) **Moussa Larbani and Po Lung Yu***
 n -person second-order games, an habitual domain approach

TIME	Room C	Room D	Room E	Room F	Room G
14:45	Parallel	Parallel	Parallel	Parallel	Parallel
16:05	(SU4C)	(SU4D)	(SU4E)	(SU4F)	(SU4G)
16:15	Parallel	Parallel	Parallel	Parallel	Parallel
18:05	(SU5C)	(SU5D)	(SU5E)	(SU5F)	(SU5G)

[SU4C] Parallel Session (chair: T. Tanaka).

- (1) **Radu Ioan Boț, Sorin-Mihai Grad*, and Gert Wanka**
Generalized Moreau-Rockafellar results for composed convex functions
- (2) **Radek Cibulka and Marián Fabian***
Attainment and differentiability of the infimal convolution
- (3) **Yasushi Narushima*, Kaori Sugiki, and Hiroshi Yabe**
Three-term conjugate gradient methods based on secant conditions for unconstrained optimization

[SU4D] Parallel Session (chair: D. Kuroiwa).

- (1) **Nobusumi Sagara**
Representation of preference orderings with an infinite horizon: Time additive separable utility in continuous time
- (2) **Mitsuhiro Hoshino* and Yutaka Kimura**
Probabilistic behavior of ordering in basic self-organizing maps
- (3) **Hiroaki Kuwano**
Multidimensional vague sets and its ordering structure

**[SU4E] Special Session: Fixed point theory and its applications III
(chair: S. Plubtieng).**

- (1) **Somyot Plubtieng and Kamonrat Sripramai***
Strong and weak convergence theorems for equilibrium problems and common fixed points of relatively nonexpansive mappings in Banach spaces
- (2) **Somyot Plubtieng and Sunan Mingthaisong***
Weak convergence theorem for fixed point problems related to variational inequality and equilibrium problems
- (3) **Somyot Plubtieng and Tippawan Thammathiwat***
A viscosity approximation method for equilibrium problems, fixed point problems of nonexpansive mappings and a general system of variational inequalities

[SU4F] Parallel Session (chair: W. Hemakul).

- (1) **Sompong Dhompongsa and Anchalee Kaewcharoen***
Fixed point theorems for nonexpansive mappings and Suzuki-generalized nonexpansive mappings on a Banach lattice
- (2) **Attapol Kaewkhao**
Fixed point theorems for some generalized nonexpansive mappings
- (3) **Masato Nakanishi* and Tomonari Suzuki**
Generalizations of Kannan's fixed point theorem

[SU4G] Parallel Session (chair: N. Komuro).

- (1) **Takanori Ibaraki* and Wataru Takahashi**
A strong convergence theorem for generalized nonexpansive mappings in a Banach space
- (2) **Jamnian Nantadilok**
Viscosity approximation methods for a common fixed point of a finite family of generalized asymptotically quasi-nonexpansive mappings in Banach spaces
- (3) **Sachiko Atsushiba**
On the sequences by the hybrid method and convergence theorems for nonexpansive mappings

[SU5C] Parallel Session (chair: J.-S. Chen).

- (1) **Keiji Tatsumi* and Tetsuzo Tanino**
Perturbation based chaotic generator for metaheuristic methods of solving global optimization
- (2) **Syuuji Yamada*, Tamaki Tanaka, and Tetsuzo Tanino**
Improvements on an outer approximation method for solving a canonical d.c. programming problem
- (3) **Satoshi Washio*, Syuuji Yamada, Tamaki Tanaka, and Tetsuzo Tanino**
Improvement indices keeping the feasibility in data envelopment analysis
- (4) **Lu-Chuan Ceng, Shuechin Huang*, and Yeong-Cheng Liou**
Hybrid proximal point algorithms for minimization problems

[SU5D] Parallel Session (chair: Q. H. Ansari).

- (1) **Rais Ahmad**
Existence results for h -vector variational-like inequalities
- (2) **Suhel Ahmad Khan**
On Generalized vector variational-like inequalities with generalized monotone mappings
- (3) **I. Ahmad, Shahid Ali, and Akhlag Iqbal***
Generalized invex set and preinvex functions on Riemannian manifolds
- (4) **S. K. Mishra* and Jianming Shi**
Exact penalty functions method for mathematical programming problems involving generalized invex functions

[SU5E] Special Session: Fixed point theory and its applications IV
(chair: S. Saejung).

- (1) **Kittipong Sitthikul* and Satit Saejung**
Iterative methods for a finite family of nonexpansive and asymptotically nonexpansive mappings

- (2) **Kriengsak Wattanawitoon***, **Poom Kumam**, and **Usa Wannasingha Humphries**
Strong convergence of a modified proximal-point algorithm for maximal monotone operators
- (3) **Taksaporn Butsan***, **Sompong Dhompongsa**, and **Wataru Takahashi**
Strong convergence theorems by hybrid methods for families of relatively nonexpansive mappings in Hilbert spaces
- (4) **Sompong Dhompongsa**, **Warunun Inthakon***, and **Wataru Takahashi**
Strong convergence theorems for maximal monotone operators and generalized non-expansive mappings in Banach spaces

[SU5F] **Parallel Session (chair: J. S. Jung).**

- (1) **Koji Aoyama**
Maximal monotone operators and equilibrium problems
- (2) **Rabian Wangkeeree***, **Narin Petrot**, and **Poom Kumam**
A hybrid iterative scheme for equilibrium problems and fixed point problems of asymptotically k -strictly pseudo-contractions
- (3) **Wiyada Kumam and Poom Kumam***
A new viscosity relaxed extragradient approximation method for solutions of fixed points, equilibrium problems and variational inequalities
- (4) **Takashi Honda*** and **Wataru Takahashi**
Nonlinear projections and orthogonal decompositions in Banach spaces

[SU5G] **Parallel Session (chair: S. Akashi).**

- (1) **Hung-Yu Ke and Ren-Chuen Chen***
Convergence analysis of an iterative method for nonlinear partial differential equations
- (2) **Nopparat Pochai**
A numerical computation of water velocity and elevation from non-linear hydrodynamic model in a uniform reservoir
- (3) **Javid Iqbal*** and **M. K. Ahmad**
Some generalizations of wavelet frames

March 30th (Mon), Morning

TIME	Hall A
9:15	Keynote
10:25	(MO1A)

[MO1A] Keynote (chair: S. Park).

- (1) **Anthony To-Ming Lau**
Invariant means and fixed point properties for semigroups of non-expansive mappings
- (2) **Mau-Hsiang Shih**
Price adjustment and general equilibrium: Steve Smale's problem for the 21st century

TIME	Hall A	Hall B
10:40	Invited	Invited
11:40	(MO2A)	(MO2B)

[MO2A] Invited Talks (chair: S. Schaible).

- (1) **Koichiro Naito**
Unpredictability and recurrent dimensions of discrete dynamical systems given by almost periodic sequences
- (2) **T. D. Chuong, N. Q. Huy, and J. C. Yao***
Pseudo-Lipschitz property of linear semi-infinite vector optimization problems

[MO2B] Invited Talks (chair: M.-H. Shih).

- (1) **Tae-Hwa Kim**
Implicit iteration methods with errors for a finite family of total asymptotically nonexpansive mappings with perturbed mappings
- (2) **Somyot Plubtieng**
Strong and weak convergence theorems for maximal monotone operators and generalized nonexpansive mappings in a Banach space

March 30th (Mon), Afternoon

TIME	Room C	Room D	Room E	Room F	Room G
12:55	Parallel	Parallel	Parallel	Parallel	Parallel
14:45	(MO3C)	(MO3D)	(MO3E)	(MO3F)	(MO3G)
15:00	Parallel	Parallel	Parallel	Parallel	Parallel
16:50	(MO4C)	(MO4D)	(MO4E)	(MO4F)	(MO4G)

[MO3C] Parallel Session (chair: J.-C. Yao).

- (1) **Shih Ping Tung**
Max-min of polynomials and exponential Diophantine equations
- (2) **Shin-Shin Kao**
Two nice properties of the k -ary n -cubes Q_n^k
- (3) **Kenji Kimura, Akira Shimizu*, and Tamaki Tanaka**
Minimal element theorems for set-optimizations
- (4) **Issei Kuwano*, Tamaki Tanaka, and Syuuji Yamada**
Inherited Properties of Unified Types of Scalarizing Functions for Sets.

[MO3D] Parallel Session (chair: S.-M. Guu).

- (1) **Yukihiro Maruyama**
Strong representation of a discrete decision process by recursive bitone sequential decision processes
- (2) **Masamichi Kon**
Fuzzy location problems with triangular norm: algorithm
- (3) **Narin Petrot**
Generalized mixed variational-like inequality for fuzzy mappings in Banach spaces
- (4) **Hideaki Iiduka**
Weak convergence of an iterative algorithm for the variational inequality problem over the fixed point set

**[MO3E] Special Session: Fixed point theory and its applications V
(chair: K. Aoyama).**

- (1) **Chakkrid Klin-eam*, Suthep Suantai, and Wataru Takahashi**
Generalized projection algorithms for maximal monotone operators and relatively nonexpansive mappings in Banach spaces
- (2) **Sompong Dhompongsa, Wataru Takahashi, and Hatairat Yingtaweestikul***
Strong convergence theorems for equilibrium problems with nonlinear operators in Hilbert spaces
- (3) **Sompong Dhompongsa, Worapong Fupinwong*, and Wataru Takahashi**
Fixed point theorems for nonspreading mappings
- (4) **Ikuo Kirihara*, Yu Kurokawa, and Wataru Takahashi**
Strong convergence theorem for countable nonexpansive mappings related to quadratic minimization problems

[MO3F] Parallel Session (chair: I. Termwuttipong).

- (1) **Yasunori Kimura**
On the shrinking projection methods for nonlinear mappings
- (2) **Somyot Plubtieng, Rabian Wangkeeree, and Rattanaorn Wangkeeree***
Strong convergence theorems of hybrid methods for a class of monotone variational inequalities and equilibrium problems
- (3) **Wataru Takahashi and Yukio Takeuchi***
Weak and strong convergence to common fixed points of a family of nonexpansive mappings in a Banach space
- (4) **Kasamsuk Ungchittrakool* and Somyot Plubtieng**
Hybrid iterative methods for convex feasibility problems and fixed point problems of relatively nonexpansive mappings in Banach spaces

[MO3G] Parallel Session (chair: K. Naito).

- (1) **Utith Inprasit* and Hathaikarn Wattanataweekul**
Common fixed points of three-step iterations for asymptotically nonexpansive mappings in Banach spaces
- (2) **Jantana Ayaragarnchanakul**
A three-step iterative process with errors for common fixed-points of generalized asymptotically quasi-nonexpansive nonself-mappings in Banach spaces
- (3) **Utith Inprasit and Hathaikarn Wattanataweekul***
Common fixed points of a new three-step iteration with errors for quasi-nonexpansive nonself-mappings in Banach spaces
- (4) **Kazuhide Nakajo*, Kazuya Shimoji, and Wataru Takahashi**
On strong convergence by the hybrid method for families of mappings in Banach spaces

[MO4C] Parallel Session (chair: M. Fabian).

- (1) **Daishi Kuroiwa**
Constraint qualification for set optimization programming
- (2) **Satoshi Suzuki* and Daishi Kuroiwa**
Closed cone constraint qualification for quasiconvex programming
- (3) **Issei Kuwano, Tamaki Tanaka*, and Syuuji Yamada**
On efficient saddle points for set-valued maps

[MO4D] Parallel Session (chair: Yu. Kimura).

- (1) **A. Amini-Harandi**
Best approximation, coincidence and fixed point theorems for quasi-lower semicontinuous set-valued maps in hyperconvex metric spaces
- (2) **Ali Farajzadeh**
Equilibrium problems for generalized convex sets
- (3) **Hyo Jung Lee* and Do Sang Kim**
Optimality conditions and duality in nonsmooth multiobjective programming
- (4) **Kenji Kimura* and Tamaki Tanaka**
Existence for some types of vectorial saddle-point problems and its applications

[MO4E] Parallel Session (chair: T. H. Kim).

- (1) **Shigeru Iemoto*** and **Wataru Takahashi**
Approximation of a solution to the variational inequality problem over the fixed points set of countable nonexpansive mappings
- (2) **Hiroko Manaka*** and **Wataru Takahashi**
Convergence theorem for generalized nonexpansive mappings in Banach spaces
- (3) **Issara Inchan*** and **Somyot Plubtieng**
Convergence to common fixed points of a countable family of nonexpansive mappings in a Banach space
- (4) **Sornsak Thianwan**
A general iterative algorithm for finding common solutions of equilibrium problems and variational inequality problems

[MO4F] Parallel Session (chair: M. Kato).

- (1) **Satit Saejung**
Another look at Cesàro sequence spaces
- (2) **Fumiaki Kohsaka**
The set of common fixed points of families of relatively nonexpansive mappings
- (3) **Kamonrat Nammanee*** and **Suthep Suantai**
Convergence theorems for non-Lipschitzian nonself mappings in a Banach space
- (4) **Tomonari Suzuki**
Halpern's convergence for nonexpansive mappings

[MO4G] Parallel Session (chair: T. Nishishiraho).

- (1) **Kohtaro Watanabe***, **Yoshinori Kametaka**, **Atsushi Nagai**, **Kazuo Take-mura**, and **Hiroyuki Yamagishi**
The best constant of L^p Sobolev inequality
- (2) **Shin-Hwa Wang*** and **Tzung-Shin Yeh**
A theorem on reversed S-shaped bifurcation curves for a class of boundary value problems and its application
- (3) **Naoki Shioji**
Existence of multiple sign-changing solutions for a singularly perturbed Neumann problem

March 30th (Mon), Afternoon

TIME	Hall A
17:00	Special Lecuture
17:40	
17:40	Closing Ceremony
18:00	Assembly for NACA

Special Lecture (chair: A. T. Lau).

Wataru Takahashi

Proximal point algorithms and four nonlinear mappings in Banach spaces