

- Collaborative works are presented by the underlined authors. The talks with * mark are presented through document camera, while \flat marks denote presentations on whiteboards. The speakers with \star marks are professors emeriti.

Geometry

September 25th (Thu) Conference Room III

9:40–12:00

- 03-01-0006
1 Hiroataka Ebisui (Oval Research Center) About theorem in an-Desargues-system (ADE Theorem) 15
- 03-01-0033
2 Akitoshi Kawamura (Univ. of Tokyo) Weight balancing on boundaries and skeletons 15
Yoshio Okamoto
(Univ. of Electro-Comm.)
Takeshi Tokuyama (Tohoku Univ.)
- 03-01-0012
3 Shuzo Izumi (Kinki Univ.) Sufficiency of simplex inequalities 10
- 03-01-0014
4 Shiho Ogata (Fukuoka Univ.) Gap theorems of complete λ -hypersurfaces 10
- 03-01-0016
5 Makoto Sakaki (Hirosaki Univ.)* Surfaces with mean curvature vector of constant length in product spaces 10
- 03-01-0022
6 Hiroshi Iriyeh (Tokyo Denki Univ.)* On Hamiltonian stable Lagrangian tori which are not Hamiltonian
Hajime Ono (Saitama Univ.) volume minimizing 15
- 03-01-0030
7 Norio Ejiri (Meijo Univ.) Limits of triply periodic minimal surfaces 15
Shoichi Fujimori (Okayama Univ.)
Toshihiro Shoda (Saga Univ.)
- 03-01-0005
8 Naoyuki Koike (Tokyo Univ. of Sci.) A holonomy invariant anisotropic surface energy functional 15
- 03-01-0007
9 Norihito Koiso (Osaka Univ.) \flat Bi-harmonic submanifold 15
Hajime Urakawa (Tohoku Univ.)

14:15–16:10

- 03-01-0026
10 Yusuke Masatani (Nagoya Univ.) On unbounded diameter of the space of Lagrangian submanifolds in bi-disks 15
- 03-01-0015
11 Mitsuhiro Imada (Keio Univ.) On complex almost contact metric structures on complex hypersurfaces of \mathbf{C}^{2n} 10
- 03-01-0029
12 Isami Koga (Kyushu Univ.)* Classification of some submanifolds of the complex Grassmannian manifold 10
- 03-01-0003
13 Sadahiro Maeda (Saga Univ.)* Naturally reductive homogeneous real hypersurfaces in a nonflat complex space form 15
Hiroshi Tamaru (Hiroshima Univ.)
- 03-01-0021
14 Kazumi Tsukada (Ochanomizu Univ.) Totally complex submanifolds of a complex Grassmann manifold of 2-planes 15
- 03-01-0028
15 Hiroshi Iriyeh (Tokyo Denki Univ.) On the structure of the intersection of quaternionic flag manifolds in a complex flag manifold 10
Takashi Sakai (Tokyo Metro. Univ.)
Hiroyuki Tasaki (Univ. of Tsukuba)
- 03-01-0010
16 Hiroyuki Tasaki (Univ. of Tsukuba) Sequences and estimates of antipodal subsets 10

- [03-01-0018](#)
17 Kazuyoshi Kiyohara (Okayama Univ.)* The conjugate locus on ellipsoid and D_4^+ Lagrangean singularity 15
Jin-ichi Itoh (Kumamoto Univ.)

16:30–17:30 Talk invited by Geometry Section

- [03-02-0002](#)
Osamu Ikawa (Kyoto Inst. Tech.)* Foundations and applications of symmetric triads

September 26th (Fri) Conference Room III

10:30–10:45 Presentation Ceremony for MSJ Geometry Prize 2014**10:50–11:50 Award Lecture for 2014 Geometry Prize**

- [03-02-0003](#)
Goto Ryushi (Osaka Univ.) Kuranishi's masterpieces and their developments in deformation theory
Miyajima Kimio (Kagoshima Univ.*) and CR-geometry

13:15–14:15 Talk invited by Geometry Section

- [03-02-0004](#)
Takumi Yokota (Kyoto Univ.) Convex functions and barycenter on CAT(1)-spaces of small radii

September 27th (Sat) Conference Room III

9:40–12:00

- [03-01-0032](#)
18 Kazuhiro Okumura Real hypersurfaces admitting ϕ -invariant Ricci tensors in a nonflat complex space form 10
(Asahikawa Nat. Coll. of Tech.)
- [03-01-0020](#)
19 Dounnu Sasaki (Waseda Univ.) An intersection functional on the space of subset currents on a free group 15
- [03-01-0023](#)
20 Oliver Goertsches (Univ. Hamburg) On localization of Chern–Simons type invariants of Riemannian foliations 15
Hiraku Nozawa (Ritsumeikan Univ.)
Dirk Töben
(Federal Univ. of São Carlos)
- [03-01-0024](#)
21 Tomoyo Kanazawa An S^1 -reduction of non-formal star product 10
(Tokyo Univ. of Sci.)
Akira Yoshioka (Tokyo Univ. of Sci.)
- [03-01-0025](#)
22 Daisuke Tarama (Kyoto Univ.) Stability analysis for the free rigid body dynamics on $U(n)$ 15
- [03-01-0027](#)
23 Masaya Kawamura A priori estimates for the Monge–Ampère equation related to supersymmetry and Gauduchon conjecture 15
(Tokyo Metro. Univ.)
- [03-01-0004](#)
24 Yasushi Homma (Waseda Univ.) Twisted Dirac operators and generalized gradients 15
- [03-01-0034](#)
25 Kenta Tottori (Tohoku Univ.)* Calabi's gradient metric on the space of Kähler metrics 10
- [03-01-0031](#)
26 Shin Nayatani (Nagoya Univ.) Rumin–Bochner formular for 1-forms on a CR manifold 15
- 14:15–16:00**
- [03-01-0017](#)
27 Ryosuke Takahashi (Nagoya Univ.) Modified Kähler–Ricci flow on projective bundles 15
- [03-01-0002](#)
28 Homare Tadano (Osaka Univ.) A lower diameter bound for closed domain manifolds of shrinking Ricci-harmonic solitons 15
- [03-01-0008](#)
29 Yohei Sakurai (Univ. of Tsukuba) Rigidity of manifolds with boundary under a lower Ricci curvature bound 15

3 Geometry

- [03-01-0011](#)
 30 Tsukasa Takeuchi (Tokyo Univ. of Sci.) Integrability in the geodesic flow for the Berger metric 10
- [03-01-0013](#)
 31 Yu Kitabeppu (Kyoto Univ.) A finite generation of the fundamental groups on metric measure spaces
 Sajjad Lakzian (HCM) with small linear diameter growth 10
- [03-01-0036](#)
 32 Junichi Mukuno (Nagoya Univ.)* On the fundamental group of a complete globally hyperbolic Lorentzian
 manifold with a lower bound for the curvature tensor 10
- [03-01-0035](#)
 33 Hideki Miyachi (Osaka Univ.)* Rigidity of a coarsification of isometries on Teichmuller space 15

16:15–17:15 Talk invited by Geometry Section

- [03-02-0001](#)
 Shin-ichi Oguni (Ehime Univ.)* The coarse Baum–Connes conjecture and coarse algebraic topology