Geometry

March 15th (Sat)   Conference Room VII

09:20–12:00

03-01-0011
1   Hirotaka Ebisui (Oval Research Center)♯   About Descartes Oval as the pure extension of Ellipse $\cdots\cdots\cdots\cdots\cdots$ 5

03-01-0001
2   Sadahiro Maeda   (Saga Univ.)*   Classification theorems of Hopf hypersurfaces with η-parallel Ricci tensor in a nonflat complex space form $\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots$ 15

03-01-0002
3   Sadahiro Maeda   (Saga Univ.)*   Characterizations of three homogeneous real hypersurfaces in a complex hyperbolic space $\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots$ 15

03-01-0025
4   Kurando Baba   ♯   Local orbit types of the s-representations for semisimple pseudo-Riemannian
    (Fukushima Nati. Coll. of Tech.)   symmetric spaces $\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots$ 15

03-01-0014
5   Hiroyuki Kurihara (Ibaraki Univ.)♯   Involutions on a compact 4-symmtric space of exceptional type $\cdots\cdots$ 15
    Koji Tojo   (千葉工大工)

03-01-0003
6   Naoyuki Koike (Tokyo Univ. of Sci.)♯   The mean curvature flow starting from an invariant hypersurface in a
    Hilbert space with an almost free Lie group action $\cdots\cdots\cdots\cdots\cdots\cdots$ 15

03-01-0004
7   Shinobu Fujii   ♯   Moment maps and isoparametric hypersurfaces in spheres —Grassmannian
    (Oshima Coll. of Maritime Tech.)   cases $\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots$ 15

03-01-0026
8   Akira Kubo (Hiroshima Univ.)♯   Geometry of polar actions on complex hyperbolic spaces $\cdots\cdots\cdots\cdots$ 10

03-01-0021
9   Kaname Hashimoto (Osaka City Univ.)♯   Classification of special Lagrangian submanifolds constructed from ho-
    Katsuya Mashimo (Hosei Univ.)   mogeneous hypersurfaces of the shere $\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots$ 10

03-01-0020
10 Takashi Sakai (Tokyo Metro. Univ.)♯   Area-minimizing cones over minimal R-spaces $\cdots\cdots\cdots\cdots\cdots\cdots$ 15
    Shinji Ohno (Tokyo Metro. Univ.)

14:30–15:25

03-01-0005
11 Masahiro Ooguri (Chuo Univ.)*   Three-dimensional locally homogeneous nondegenerate centroaffine hypersurfaces with null Tchebychev vector field $\cdots\cdots\cdots\cdots\cdots\cdots$ 10

03-01-0027
12 Tetsuya Taniguchi (Kitasato Univ.)♯   Characterizations of Ricci flat metrics and Lagrangian submanifolds in
    Seiichi Udagwa   (Nihon Univ.)   terms of the variational problem $\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots$ 10

03-01-0012
13 Kazuyuki Hasegawa (Kanazawa Univ.)♯   The first Chern class and conformal area for a twistor holomorphic
    immersion $\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots$ 10

03-01-0023
14 Mitsuhiro Itoh (Univ. of Tsukuba)♯   Barycenter and information geometry $\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots$ 10
    Hiroyasu Satoh (Tokyo Denki Univ.)

15:40–16:40   Talk invited by Geometry Section

03-02-0002
    Yu Kawakami (Yamaguchi Univ.)♯   Value distribution of the Gauss map of surfaces

March 16th (Sun)   Conference Room VII

09:20–11:50

03-01-0016
15 Jin-ichi Itoh (Kumamoto Univ.)♯   Cut locus structure on graphs $\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots$ 15
    Costin Vîlcu (IMRA, Bucharest)

03-01-0013
16   Sorin Vasile Sabau (東海大生物理工)♯   Generalized Finsler structures on closed 3-manifolds ··············· 15
     Kazuhiro Shibuya (Hiroshima Univ.)
     Gheorghe Pitis (Transylvania Univ.)

03-01-0006
17   Jun-ichi Inoguchi (Yamagata Univ.)♯   Discrete mKdV and discrete sine-Gordon flows on discrete space curves
     Kenji Kajiwara (Kyushu Univ.)   ·· 15
     Nozomu Matsuura (Fukuoka Univ.)
     Yasuhiro Ohta   (Kobe Univ.)

03-01-0008
18   Shun Maeta   (秀明大)♯   Chen's conjecture and triharmonic submanifolds ··················· 15
     Hajime Urakawa (Tohoku Univ.)
     Nobumitsu Nakauchi
             (Yamaguchi Univ.)

03-01-0024
19   Shigehiro Sakata (Tokyo Metro. Univ.)♯   Uniqueness of a center of a body and geometry of the heart ········· 15

03-01-0018
20   Takashi Shioya (Tohoku Univ.)   Metric measure limits of ellipsoids ······························· 15
     Asuka Takatsu (Nagoya Univ.)

03-01-0007
21   Kei Kondo   (Tokai Univ.)♯   The finite topological types and diffeomorphism theorems to Euclidean
                                         space in Riemann–Finsler geometry ···························· 15

03-01-0017
22   Hiroki Sako   ♯   Group approximation in Cayley topology and coarse geometry, Part I:
        (Univ. of Tokyo / Tokai Univ.)   Coarse embeddings of amenable groups. ··························· 15
     Masato Mimura (Tohoku Univ.)

13:00–14:00   Talk invited by Geometry Section
03-02-0001
     Kei Funano   (Kyoto Univ.)♯   Eigenvalues of Laplacian and multi-way isoperimetric constants on Rie-
                                        mannian manifolds

<center>March 17th (Mon)   Conference Room VII</center>

10:00–11:50
03-01-0010
23   Yuji Hirota (Tokyo Univ. of Sci.)♯   On prequantization of Dirac manifolds ························· 15

03-01-0009
24   Yushi Okitsu   (Tokyo Tech)♯   The cutting construction of weakly convex contact toric manifolds ··· 10

03-01-0015
25   Homare Tadano (Osaka Univ.)♯   Gap theorems for compact gradient Sasaki–Ricci solitons ··········· 15

03-01-0028
26   Hiraku Nozawa (Ritsumeikan Univ.)♯   On rigidity of Lie foliations ·································· 15
     Gaël Meigniez (Univ. Bretagne-Sud)

03-01-0022
27   Daisuke Tarama (Kyoto Univ.)∗   Analytic extension of Birkhoff normal forms for $SO(3)$ free rigid body
                                       dynamics ··· 15

03-01-0019
28   Akira Ushijima (Kanazawa Univ.)♯   On the maximal volume of three-dimensional hyperbolic complete or-
     Kazuhiro Ichihara (Nihon Univ.)   thoschemes sharing the same base ···························· 10

14:20–15:20   Talk invited by Geometry Section
03-02-0003
     Tatsuya Tate   (Tohoku Univ.)♯   One and two dimensional quantum walks