

Schedule (Overall Timetable)

September 2 (Monday)

8:30 – 9:15 **Registration (Conference Office)**

9:30 – 12:10 **Opening Ceremony, Announcement for the winner of
Mary Ellen Rudin Young Researcher Award, Plenary Session
(University Hall)**

12:10 – 13:40 **Lunch Break**

13:40 – 17:30 **Parallel Sessions**

Algebraic Topology (Room F), Continuum Theory and Geometric Topology (Room E),
Differential Geometry (Room G), Knot Theory (Room A), Set-Theoretic Topology (Room C),
Set Theory (Room B)

18:30 – 20:30 **Welcome (Get-and Together) Party**

September 3 (Tuesday)

9:00 – 10:40 **Plenary Session, Taking a Photograph (University Hall)**

10:40 – 11:00 **Coffee Break**

11:00 – **Parallel Sessions**

Algebraic Topology (Room F), Continuum Theory and Geometric Topology (Room E),
Differential Geometry (Room G), Knot Theory (Room A), Set-Theoretic Topology 1 (Room C),
Set-Theoretic Topology 2 (Room D), Set Theory (Room B)

September 4 (Wednesday)

9:00 – 11:20 **Plenary Session (University Hall)**

11:20 – 12:50 **Lunch Break**

13:00 – 18:00 **Excursion**

September 5 (Thursday)

9:00 – 10:25 Plenary Session (Room A)

10:25 – 10:50 Coffee Break

10:50 – Parallel Sessions

Algebraic Topology (Room F), Continuum Theory and Geometric Topology (Room E),
Differential Geometry (Room G), Knot Theory (Room A), Set-Theoretic Topology 1 (Room C),
Set-Theoretic Topology 2 (Room D), Set Theory (Room B)

September 6 (Friday)

8:40 – 10:40 Parallel Sessions

Algebraic Topology (Room F), Continuum Theory and Geometric Topology (Room E),
Knot Theory (Room A), Set-Theoretic Topology 1 (Room C),
Set-Theoretic Topology 2 (Room D), Set Theory (Room B)

10:40 – 11:00 Coffee Break

11:00 – 11:40 Plenary Session (Room A)

11:40 – 14:50 Parallel Sessions

Algebraic Topology (Room F), Continuum Theory and Geometric Topology (Room E),
Knot Theory (Room A), Set-Theoretic Topology (Room C), Set Theory (Room B)

15:00 – 15:50 Plenary Session, Closing Ceremony (Room A)

18:00 – 21:00 Banquet

Schedule (Details)

September 2 (Monday)

- 8:30 – 9:15** **Registration (Conference Office)**
- 9:30 – 12:10** **Opening Ceremony, Announcement for the winner of
Mary Ellen Rudin Young Researcher Award, Plenary Session
(University Hall)**
- 9:30 – 9:50 **Opening Ceremony**
- 9:50 – 10:00 **Announcement for the winner of Mary Ellen Rudin Young Researcher
Award**
- 10:00 – 10:40 **Tsugunori Nogura** (Ehime University, Japan)
Topologies generated by continuous weak selections
- 10:45 – 11:25 **Sergey A. Antonyan** (National University of Mexico (UNAM), Mexico)
The Gromov-Hausdorff Hyperspaces
- 11:30 – 12:10 **Sadahiro Maeda** (Saga University, Japan)
Homogeneous submanifolds and homogeneous curves in space forms
- 12:10 – 13:40** **Lunch Break**
- 13:40 – 17:30** **Parallel Sessions**

Algebraic Topology (Room F)

- 14:00 – 14:40 **Ken-ichi Maruyama** (Chiba University, Japan)
The Gottlieb group of a wedge of suspensions
- 14:45 – 15:25 **Kouyemon Iriye** (Osaka Prefecture University, Japan)
Wedge decomposition of polyhedral products
- 15:25 – 15:45 **Coffee Break**
- 15:45 – 16:25 **Dai Tamaki** (Shinshu University, Japan)
Applications of Cellular Stratified Spaces
- 16:30 – 17:10 **Daniel Juan** (UNAM, Mexico)
Algebraic K theory of virtually free groups

Continuum Theory and Geometric Topology (Room E)

- 13:40 – 14:10 **Naotsugu Chinen** (National Defense Academy of Japan, Japan)
Hyperbolic right-angled Coxeter groups with boundaries as the universal curves
- 14:15 – 14:45 **Alejandro Illanes** (UNAM, Mexico)
Examples in hyperspaces
- 14:50 – 15:05 **Atsushi Yamashita** (Chiba Institute of Technology, Japan)
On existence of fixed points in Higson coronas
- 15:05 – 15:20 **Félix Capulín-Pérez** (Universidad Autónoma del Estado de México, México)
On representation space
- 15:20 – 15:35 **Luis Miguel García Velázquez** (Instituto de Matemáticas, UNAM, México)
Contractibility of Hyperspaces of Non Metrizable Continua
- 15:35 – 16:00 **Coffee Break**
- 16:00 – 16:30 **Katsuhiko Matsuzaki** (Waseda University, Japan)
Proper conjugation for a group of isometries of Gromov hyperbolic space
- 16:30 – 17:00 **Murat Tuncali** (Nipissing University, Canada)
Convex metrics on non-compact spaces

Differential Geometry (Room G)

- 14:00 – 14:40 **Toshiaki Adachi** (Nagoya Institute of Technology, Japan)
Foliation on the moduli space of extrinsic circular trajectories on a complex hyperbolic space
- 14:50 – 15:20 **Keiichi Kikuchi** (Tokai University, Japan)
The construction of S^1 -equivariant CMC surfaces in the Berger sphere and the hyperbolic 3-space, and the corresponding Lagrangians
- 15:20 – 15:40 **Coffee Break**
- 15:40 – 16:10 **Ryozo Yoshikawa** (Hachiman Technical Highschool, Japan)
The geometry of Kropina metrics
- 16:20 – 16:50 **Sorin V. Sabau** (ITokai University, Sapporo campus, Japan)
On the metric structures associated to Finsler manifolds

Knot Theory (Room A)

- 14:00 – 15:20 **Lorena Armas-Sanabria**
(Universidad Autónoma Metropolitana, Cuajimalpa, Mexico)
Positive Artin presentations
- Seiichi Kamada** (Osaka City University, Japan)
Two and three dimensional braids and their descriptions
- Noboru Ito** (Waseda University, Japan)
Behaviors of Khovanov homology under Kirby moves
- Carlos Barrera-Rodríguez** (Independent, Mexico)
A collection of non filling multicurve complexes of a surface and their automorphisms

15:20 – 15:50 **Coffee Break**

15:50 – 17:30 **Akio Kawauchi**

(Osaka City University Advanced Mathematical Institute, Japan)
Universe for 3-manifolds

Yasuyoshi Tsutsumi (Oshima National College of Maritime Technology, Japan)
Ohtsuki invariants of the Brieskorn-Hamm manifolds and their inequalities

Fabiola Manjarrez-Gutiérrez (CIMAT, Mexico)
Non-fibered free genus one knots are almost fibered

Hisaki Endo (Tokyo Institute of Technology, Japan)
Chart description for hyperelliptic Lefschetz fibrations and their stabilization

Ikuo Tayama (Osaka City University, Japan)
Tabulation of 3-manifolds of lengths up to 10

Set-Theoretic Topology (Room C)

13:50 – 14:00 **Ceremony for the occasion of the retirement of Prof. Nogura**

14:00 – 14:25 **Alexander V. Arhangel'skii** (Ohio University, USA)
Remainders and some classes of spaces

14:30 – 14:55 **Szymon Dolecki** (Burgundy Institute of Mathematics, Dijon, France)
Extensions of convergence spaces

15:00 – 15:25 **Dmitri Shakhmatov** (Ehime University, Japan)
Properties characterizing Lie groups among compact-like groups

15:25 – 16:00 **Coffee Break**

16:00 – 16:25 **Valentin Gutev** (University of Malta, Malta)
Consonance and Cantor-Set Selectors

16:30 – 16:55 **Jiling Cao** (Auckland University of Technology, New Zealand)
Bornologies, Topological Games and Function Spaces

Set Theory (Room B)

16:00 – 16:25 **Teruyuki Yorioka** (Shizuoka University, Japan)
Side condition method and random reals

16:30 – 16:55 **Luz María García Ávila** (University of Barcelona, Spain)
A forcing notion related to Hindman's Theorem

17:00 – 17:25 **Yasuo Yoshinobu** (Nagoya University, Japan)
Fragments of Martin's Maximum and closure properties of posets

18:30 – 20:30 Welcome (Get-and Together) Party

September 3 (Tuesday)**9:00 – 10:40 Plenary Session, Taking a Photograph (University Hall)**

- 9:00 – 9:40 **Edward D. Tymchatyn** (University of Saskatchewan, Canada)
Extension of isotopies in the plane
- 9:45 – 10:25 **Tsuyoshi Kobayashi** (Nara Women's University, Japan)
Heegaard splittings of distance n
- 10:25 – 10:40 **Taking a photograph**

10:40 – 11:00 Coffee Break**11:00 – Parallel Sessions****Algebraic Topology (Room F)**

- 11:00 – 11:40 **Yukiko Fukukawa** (Osaka City University, Japan)
The cohomology ring of the Peterson variety
- 11:50 – 12:30 **Sho Hasui** (Kyoto university, Japan)
On the classification of quasitoric manifolds
- 12:30 – 14:00 **Lunch Break**
- 14:00 – 14:40 **Takashi Sato** (Kyoto University, Japan)
GKM theory and its applications to exceptional flag manifolds
- 14:45 – 15:25 **Katsuhiko Kuribayashi** (Shinshu University, Japan)
Association schemoids and their categories
- 15:25 – 15:45 **Coffee Break**
- 15:45 – 16:25 **Kentaro Matsuo** (Shinshu University, Japan)
The Borel cohomology of the loop spaces
- 16:30 – 17:10 **Daisuke Kishimoto** (Kyoto University, Japan)
Homotopy commutativity in localized gauge groups

Continuum Theory and Geometric Topology (Room E)

- 11:00 – 11:30 **Paweł Krupski** (University of Wrocław, Poland)
Some new coanalytic absorbers in the Hilbert cube
- 11:35 – 12:05 **Francisco R. Ruiz del Portal** (Universidad Complutense de Madrid, Spain)
Conley index of acyclic continua
- 12:05 – 13:30 **Lunch Break**
- 13:30 – 14:00 **José M.R. Sanjurjo** (Universidad Complutense de Madrid, Spain)
Shape and Conley index of plane continua and extinction of dissipative systems
- 14:05 – 14:35 **Nikola Koceić Bilan** (University of Split, Croatia)
Isomorphisms of the coarse shape groups induced by the coarse shape paths
- 14:40 – 14:55 **Hisao Kato** (University of Tsukuba, Japan)
Eventual colorings of maps and Wallman compactifications

- 14:55 – 15:10 **Judy Kennedy** (Lamar University, USA)
Connectedness and Ingram-Mahavier products
- 15:10 – 15:30 **Coffee Break**
- 15:30 – 16:00 **Vlasta Matijević** (University of Split, Croatia)
Overlay structures and covering homomorphisms
- 16:00 – 16:30 **Alexander Bykov** (Benemérita Universidad Autónoma de Puebla, Mexico)
On Strong G-fibrations
- 16:45 – 17:00 **Jorge M. Martínez-Montejano**
(Universidad Nacional Autónoma de México, México)
Z-sets in symmetric products
- 17:00 – 17:15 **Fernando Orozco-Zitli** (Universidad Autónoma del Estado de México, México)
Induced mappings on symmetric products
- 17:30 – 17:45 **Saúl Juárez-Ordóñez** (Universidad Nacional Autónoma de México, México)
Hyperspaces of convex bodies of constant width
- 17:45 – 18:00 **Ferrán Valdez** (UNAM Campus Morelia, Mexico)
Mapping class groups of infinite type surfaces

Differential Geometry (Room G)

- 11:00 – 11:40 **Nobutaka Boumuki** (Tokyo University of Science, Japan)
The full groups of isometries of simple irreducible pseudo-Hermitian symmetric spaces
- 11:45 – 12:15 **Hideya Hashimoto** (Meijo University, Japan)
On group of automorphisms of the induced orthogonal almost complex structures of 6-dimensional submanifolds in the octonions
- 12:15 – 14:00 **Lunch Break**
- 14:00 – 14:30 **Yuichiro Taketomi** (Hiroshima University, Japan)
Studies on algebraic Ricci solitons via isometric actions on a non-compact symmetric space
- 14:40 – 15:10 **Naoya Ando** (Kumamoto University, Japan)
A family of surfaces given by an over-determined system
- 15:20 – 15:50 **Toshihiro Shoda** (Saga University, Japan)
A remark of limits of triply periodic minimal surfaces
- 15:50 – 16:00 **Coffee Break**
- 16:00 – 16:30 **Nasrtin Sadegh zadeh** (University of Qom, Iran)
Douglas Spherically Symmetric Finsler metrics
- 16:40 – 17:10 **Dipankar Debnath** (Bamanpukur high school, Iran)
On generalized phi recurrent Transsasakian manifolds
- 17:20 – 17:50 **Dr.chayan kumar Mishra** (Dr. RML Avadh University, India)
Curvature Inheritance Symmetry

Knot Theory (Room A)

- 11:00 – 12:10 **María de los Angeles Guevara Hernández**
(Instituto Potosino de Investigación Científica y Tecnológica A.C., Mexico)
Infinite families of non-alternating knots with $\text{alt}(k) = 1$
- Yasutaka Nakanishi** (Kobe University, Japan)
Delta-crossing number for knots
- Yoshiaki Uchida** (Kobe Pharmaceutical University, Japan)
Delta-unknotted operations and ordinary unknotted operations
- 12:10 – 14:00 **Lunch Break**
- 14:00 – 15:20 **Luis Celso Chan-Palomo**
(Universidad Autónoma de Yucatán, Facultad de Matemáticas., Mexico)
Reducible and Toroidal Handle Additions
- Masakazu Teragaito** (Hiroshima University, Japan)
Cyclic branched covers of genus one two-bridge knots and L -spaces
- Kanji Morimoto** (Konan University, Japan)
On Heegaard splittings of knot exteriors with tunnel number degenerations
- Juan Ahtziri González-Lemus** (CIMAT, Mexico)
The space of simple polygons module oriented similarity
- 15:20 – 15:50 **Coffee Break**
- 15:50 – 17:30 **Naoki Sakata** (Hiroshima University, Japan)
Canonical decompositions of hyperbolic fibered two-bridge link complements
- Mikio Furokawa** (Hiroshima University, Japan)
Ford domains of quasi-fuchsian once-punctured Klein bottle groups
- Kimihiko Motegi** (Nihon University, Japan)
Seifert fibered surgeries on strongly invertible knots without primitive/Seifert positions
- Inasa Nakamura** (Gakushuin University, Japan)
On surface links whose link groups are abelian
- Atsuhiko Mizusawa** (Waseda University, Japan)
Homotopy and Delta classifications of two-component handlebody-links
- 17:30 – 19:00 **Dinner**
- 19:00 – 20:40 **Toshio Saito** (Joetsu University of Education, Japan)
Tunnel number of tangles and knots
- Shin'ya Okazaki**
(Osaka City University Advanced Mathematical Institute, Japan)
Bridge genus and braid genus
- Ryo Hanaki** (Nara University of Education, Japan)
On scannable properties of the original knot from a knot shadow
- Makoto Ozawa** (Komazawa University, Japan)
Essential surfaces of non-negative Euler characteristic in genus two handlebody exteriors

Set-Theoretic Topology 1 (Room C)

- 11:10 – 11:35 **Heikki Junnila** (University of Helsinki, Finland)
On s-reflexive spaces and continuous selections
- 11:40 – 12:05 **Dikran Dikranjan** (Udine University, Italy)
Precompact groups determined by a converging sequence
- 12:05 – 14:00 **Lunch Break**
- 14:00 – 14:25 **Jorge Galindo** (Universitat Jaume I, Spain)
The roles of interpolation sets in semigroup compactifications of topological groups
- 14:30 – 14:55 **Ol'ga Sipacheva** (Moscow State University, Russia)
Extremally disconnected groups and related ultrafilters
- 15:00 – 15:25 **Masami Sakai** (Kanagawa University, Japan)
Tight points of a Pixley-Roy hyperspace
- 15:25 – 15:50 **Coffee Break**
- 15:50 – 16:05 **Kedian Li** (Minnan Normal University, China)
On statistical convergence of cone metric spaces
- 16:05 – 16:20 **Yasser F. Ortiz-Castillo** (Universidad Nacional Autónoma de México, México)
The hyperspace of convergent sequences
- 16:20 – 16:35 **Takamitsu Yamauchi** (Shimane University, Japan)
On a simultaneous selection theorem
- 16:35 – 16:50 **Parimelazhagan Rajamanickam** (Karpagam College of Engineering, India)
Grill topology

Set-Theoretic Topology 2 (Room D)

- 14:00 – 14:25 **Wei-Xue Shi** (Nanjing University, China)
A Characterization of Monotonically Lindelöf Generalized Ordered Spaces
- 14:30 – 14:55 **David Buhagiar** (University of Malta, Malta)
Section Characterisations of Super-paracompact Type Properties
- 15:00 – 15:25 **John Kulesza** (George Mason University, USA)
The R and N Exponents of Closed Sets in Products of N May Differ
- 15:25 – 15:50 **Coffee Break**
- 15:50 – 16:05 **Chieko Komoda** (Kurume National College of Technology, Japan)
A transfinite dimension of rings of continuous functions
- 16:05 – 16:20 **Yasunao Hattori** (Shimane University, Japan)
On the separation dimension of K_ω
- 16:20 – 16:35 **Yu-Ru Syau** (National Formosa University, Taiwan)
Neighborhood Systems and Generalized Rough Sets
- 16:35 – 16:50 **Abdullah Abdul-Jabbar**
(University of Salahaddin-Erbil, Kurdistan Region in Iraq)
A new strong form of α -open sets in topological spaces

- 16:50 – 17:05 **Al Bayati Jalal Hatem Hussein**
 (Peoples' Friendship University of Russia, Moscow, Russia)
 On so-paracompact spaces and sc-mappings

Set Theory (Room B)

- 11:10 – 11:35 **Sakaé Fuchino** (Kobe University, Japan)
 Set theoretic reflection principles in terms of topology
- 11:40 – 12:05 **Marcin Sabok** (Polish Academy of Sciences, Poland)
 Combinatorics of ideals with topological representations
- 12:05 – 14:00 **Lunch Break**
- 14:00 – 14:25 **Yurii Khomskii** (University of Vienna, Austria)
 Cichoń's diagram and regularity properties.
- 14:30 – 14:55 **David Chodounský** (Institute of Mathematics AS CR, Czech Republic)
 Towers in $\mathcal{P}(\omega)/\text{Fin}$
- 15:00 – 15:25 **Oswaldo Guzmán** (UNAM, México)
 n -Luzin gaps
- 15:25 – 15:50 **Coffee Break**
- 15:50 – 16:15 **Diego Mejia** (Kobe University, Japan)
 Rothberger gaps in F_σ ideals
- 16:20 – 16:45 **Arturo Antonio Martínez-Celis** (UNAM, México)
 Canjar and branching ideals
- 16:50 – 17:15 **Marton Elekes** (Renyi Institute, Budapest, Hungary)
 Nullsets in large groups

September 4 (Wednesday)

9:00 – 11:20 Plenary Session (University Hall)

9:00 – 9:40 **Pablo Suárez-Serrato** (Universidad Nacional Autónoma de México, México)
On the topology and geometry of higher graph manifolds

9:45 – 10:25 **Jerzy Dydak** (University of Tennessee, USA)
Coarse amenability

10:25 – 10:40 **Break**

10:40 – 11:20 **Stevó Todorćevic** (University of Toronto, Canada)
A construction scheme for non-separable structures

11:20 – 12:50 Lunch Break

13:00 – 18:00 Excursion

September 5 (Thursday)**9:00 – 10:25 Plenary Session (Room A)**

- 9:00 – 9:40 **Masaki Kameko** (Shibaura Institute of Technology, Japan)
Cohomology of classifying spaces of loop groups and finite Chevalley groups
- 9:45 – 10:25 **Jong Taek Cho** (Chonnam National University, Korea)
Almost contact 3-manifolds and Ricci solitons

10:25 – 10:50 Coffee Break**10:50 – Parallel Sessions****Algebraic Topology (Room F)**

- 10:50 – 11:30 **Takahito Naito** (Shinshu University, Japan)
Rational string topology on Gorenstein spaces
- 11:35 – 12:15 **Toshihiro Yamaguchi** (Kochi University Japan)
Some rational homotopical topics on fibre restriction of self-equivalences
- 12:15 – 14:00 **Lunch Break**
- 14:00 – 14:40 **Mitsunobu Tsutaya** (Kyoto University, Japan)
Finiteness of A_n -equivalence types of gauge groups
- 14:45 – 15:25 **Keiichi Sakai** (Shinshu University, Japan)
Deloopings of the spaces of long embeddings
- 15:25 – 15:45 **Coffee Break**
- 15:45 – 16:25 **Noé Bárcenas** (CCM-UNAM, México)
Topological methods in twisted equivariant K-theory
- 16:30 – 17:10 **Mario Velasquez** (UNAM Campus Morelia, Mexico)
Twisted Drinfeld Double and Twisted Orbifold K-theory

Continuum Theory and Geometric Topology (Room E)

- 10:50 – 11:20 **Tetsuya Hosaka** (Shizuoka University, Japan)
On equivariant homeomorphisms of boundaries of CAT(0) groups
- 11:25 – 11:55 **Hanspeter Fischer** (Ball State University, U.S.A.)
Word calculus in the fundamental group of the Menger curve
- 11:55 – 13:30 **Lunch Break**
- 13:30 – 14:00 **Udayan B. Darji** (University of Louisville, USA)
Generic Dynamics on the Cantor Space
- 14:05 – 14:35 **Tadeusz Dobrowolski** (PSU, USA)
Group actions on locally contractible spaces
- 14:40 – 14:55 **Kotaro Mine** (The University of Tokyo, Japan)
Subdivisions of simplicial complexes preserving the metric topology

- 14:55 – 15:10 **Verónica Martínez de la Vega**
(Universidad Nacional Autónoma de México, México)
Open Selections
- 15:10 – 15:30 **Coffee Break**
- 15:30 – 16:00 **Vesko Valov** (Nipissing University, Canada)
Generalized Cantor manifolds
- 16:00 – 16:30 **Manuel Alonso Morón** (Universidad Complutense de Madrid, Spain)
Banach's fixed point Theorem in ultrametric rings of formal power series:
Some applications
- 16:45 – 17:00 **Katsuhisa Koshino** (University of Tsukuba, Japan)
Topological types of sigma-locally compact convex sets in Fréchet spaces
- 17:00 – 17:15 **Hanbiao Yang** (University of Tsukuba, Japan)
The function spaces from a compactum to a dendrite with the hypo-graph
topology
- 17:30 – 17:45 **David Herrera-Carrasco**
(Benemérita Universidad Autónoma de Puebla, Mexico)
Peano Continua With Unique Symmetric Products
- 17:45 – 18:00 **Fernando Macías-Romero**
(Benemérita Universidad Autónoma de Puebla, Mexico)
Meshed continua have unique hyperspace $HS_n(X)$

Differential Geometry (Room G)

- 11:00 – 11:40 **Makoto Kimura** (Ibaraki University, Japan)
Hopf hypersurfaces in non-flat complex space forms and submanifolds in some
Grassmannians
- 11:45 – 12:15 **Kamran Khan** (AMU, Aligarh, India)
Semi-slant warped product submanifolds of a nearly Kaehler manifold
- 12:15 – 14:00 **Lunch Break**
- 14:00 – 14:30 **Takumi Yamada** (Shimane University, Japan)
On compact homogeneous pseudo-Kähler manifolds
- 14:40 – 15:10 **Yoshiyasu Fukumoto** (Kyoto University, Japan)
Invariance of Finiteness of K-area under Surgery
- 15:20 – 15:50 **Atsushi Kasue** (Kanazawa University, Japan)
Convergence of finite graphs and eigenvalues of Laplacians
- 15:50 – 16:00 **Coffee Break**
- 16:00 – 16:30 **Hajime Urakawa** (Tohoku University, Japan)
Geometry of harmonic maps, bi-harmonic maps and integrable systems

Knot Theory (Room A)

- 11:00 – 12:10 **Sergio Gutiérrez-Guzmán** (Instituto de Matemáticas, UNAM, México)
Seifert surgeries which are coverings of band sums of torus knots
- Naoko Kamada** (Nagoya City University, Japan)
Surface states derived multivariable polynomial invariants and curves
- Ayaka Shimizu** (Gunma National College of Technology, Japan)
The reducivity of knot projections
- 12:10 – 14:00 **Lunch Break**
- 14:00 – 15:20 **Oyuki Hayde Hermosillo-Reyes** (Universidad Autónoma de Nayarit, Mexico)
Presentation of links as n -cucas
- Yoshiro Yaguchi** (Gunma National College of Technology, Japan)
Cords on a 3-times punctured disk
- Hiroataka Akiyoshi** (Osaka City University, Japan)
Canonical polygons for the hyperbolic structures on the torus with a single cone point
- Yasuyuki Miyazawa** (Yamaguchi University, Japan)
HOMFLY polynomials for 3-component links with ν -span 4
- 15:20 – 15:50 **Coffee Break**
- 15:50 – 17:30 **Gabriela Hinojosa** (Universidad Autónoma del Estado de Morelos, Mexico)
Cubic knots and their discretization
- Natsumi Oyamaguchi** (Ochanomizu University, Japan)
Enumeration of prime 2-bouquet graphs with 6 crossings or less up to flat vertex isotopy
- Hideo Takioka** (Osaka City University, Japan)
The cable Γ -polynomial of a mutant knot
- Hiromasa Moriuchi**
(Osaka City University Advanced Mathematical Institute, Japan)
Coherent band-Gordian distances between knots
- Ryuji Higa** (Kobe University, Japan)
A note on the ascending number
- 17:30 – 19:00 **Dinner**
- 19:00 – 20:40 **Kengo Kawamura** (Osaka City University, Japan)
On relationship between seven types of Roseman moves
- Shin Satoh** (Kobe University, Japan)
Surface-tangle decomposition of ribbon 2-knots and twist-spun knots
- Tomomi Kawamura** (Nagoya University, Japan)
An estimate of the Rasmussen invariant for links and the determination for certain links
- Kanako Oshiro** (Sophia University, Japan)
Congugation quandles of $SL_2(F_q)$ and quandle colorability for the n -twist-spun trefoil

Set-Theoretic Topology 1 (Room C)

- 10:50 – 11:05 **Salvador García-Ferreira**
(Universidad Nacional Autónoma de México, Mexico)
Strong Pseudocompact properties
- 11:05 – 11:20 **Angelo Bella**
(University of Catania, Italy)
Topological games and productively countably tight spaces
- 11:20 – 11:35 **Akio Kato** (National Defense Academy, Japan)
Exotic strictly increasing continuous functions by infinite tosses of infinitely many unfair coins
- 11:35 – 11:50 **Alejandro Dorantes-Aldama**
(Universidad Nacional Autónoma de México, México)
Some results on weakly pseudocompact spaces
- 11:50 – 12:05 **Sami Hussein** (University of Salahaddin-Erbil, Iraq)
 α c-Open Sets in Topological Spaces
- 12:05 – 14:00 **Lunch Break**
- 14:00 – 14:25 **Vitalij Chatyrko** (Linköping University, Sweden)
A poset of topologies on the set of real numbers
- 14:30 – 14:55 **Hideki Tsuiki** (Kyoto University, Japan)
Admissible Domain Representations Induced by Proper Dyadic Subbases
- 15:00 – 15:25 **Sang-Eon Han** (Chonbuk National University, Korea)
Locally Finite Topological Spaces and Their Applications to Computational Topology
- 15:25 – 15:50 **Coffee Break**
- 15:50 – 16:05 **Aleksander Blaszczyk** (University of Silesia, Poland)
Representation theorem for lattices
- 16:05 – 16:20 **Yasuyuki Tsukamoto** (Kyoto University, Japan)
Hausdorff property of a weakened Prime Integer Topology
- 16:20 – 16:35 **Wei Yao** (Hebei University of Science and Technology, China)
Fuzzy Scott topology on dcpos
- 16:35 – 16:50 **M.Lellis Thivagar** (Madurai Kamaraj University, India)
Topological view of new weakly generalized closed functions
- 16:50 – 17:05 **G.Jaya Parthasarathy** (St.Jude's College Thoothoor, India)
A new class of weakly generalized closed sets

Set-Theoretic Topology 2 (Room D)

- 10:50 – 11:05 **Baolin Guo** (Minnan Normal University, China)
A brief introduction to fibrewise topological spaces theory
- 11:05 – 11:20 **Fucai Lin** (Minnan Normal University, China)
On paratopological groups

- 11:20 – 11:35 **Jan Spěvák** (J. E. Purkyne University in Ústí nad Labem, Czech Republic)
Topologically independent sets
- 11:35 – 11:50 **Alexandre Karassev** (Nipissing University, Canada)
Metrizable remainders of locally compact spaces
- 11:50 – 12:05 **Hui Li** (Beijing University of Technology, China)
Pressing Down Lemma for λ -trees and its applications
- 12:05 – 14:00 **Lunch Break**
- 14:00 – 14:25 **Manuel Sanchis** (Universitat Jaume I, Spain)
Bounded subsets: progress and open questions
- 14:30 – 14:55 **Zhongqiang Yang** (Shantou University, China)
Topological classification of function spaces with the Fell topology I
- 15:00 – 15:25 **Miroslav Hušek** (Charles University, Prague, Czech Republic)
Banach-Stone theorem for uniform spaces
- 15:25 – 15:50 **Coffee Break**
- 15:50 – 16:05 **Reynaldo Rojas-Hernández**
(Universidad Nacional Autónoma de México, México)
Function spaces and D -property
- 16:05 – 16:20 **Liang-Xue Peng** (Beijing University of Technology, China)
Some results on D -spaces which relate to trees and σ -product
- 16:20 – 16:35 **Yin-Zhu Gao** (Nanjing University, P.R. China)
Notes on monotone D -spaces
- 16:35 – 16:50 **Lei Mou** (Capital Normal University, Beijing, China)
Base covering properties

Set Theory (Room B)

- 10:50 – 11:15 **David Aspero** (University of East Anglia, United Kingdom)
Long reals
- 11:20 – 11:45 **Masaru Kada** (Osaka Prefecture University, Japan)
Small sets of reals determined by compactifications of ω
- 11:45 – 14:00 **Lunch Break**
- 14:00 – 14:25 **Hiroshi Sakai** (Kobe University, Japan)
Separation of $MA^+(\sigma\text{-closed})$ from reflection principles
- 14:30 – 14:55 **Ulises Ariet Ramos-García**
(Universidad Nacional Autónoma de México, Morelia México)
Malykhin's problem
- 15:00 – 15:25 **Victor Torres-Perez** (Kurt Goedel Research Center, Austria)
The Tree Property and Bounded Forcing Axioms
- 15:25 – 15:50 **Coffee Break**
- 15:50 – 16:15 **Gabriel Padilla** (Universidad Nacional de Colombia, Colombia)
A Ramsey space of infinite polyhedra and the infinite random polyhedron

- 16:20 – 16:45 **Hiroaki Minami** (Japan)
Dual-independence number and dual-reaping number
- 16:50 – 17:15 **Jonathan Cancino-Manríquez** (UNAM-UMSNH, Morelia, México)
Countable irresolvable spaces

September 6 (Friday)**8:40 – 10:40 Parallel Sessions****Algebraic Topology (Room F)**

- 9:00 – 9:40 **Kazuhisa Shimakawa** (Okayama University, Japan)
On homotopy theory of diffeological spaces
- 9:45 – 10:25 **Norio Iwase** (Kyushu University, Japan)
Bearded trees and Multiplihedra

Continuum Theory and Geometric Topology (Room E)

- 9:30 – 9:45 **Akira Koyama** (Waseda University, Japan)
Surfaces in products of two curves
- 9:50 – 10:05 **Paula Ivon Vidal Escobar** (Instituto de Matemáticas, UNAM, México)
Dendrites and Inverse Limits Generalized
- 10:10 – 10:25 **Eiichi Matsuhashi** (Shimane University, Japan)
Whitney preserving maps onto Peano continua without free arcs

Knot Theory (Room A)

- 8:40 – 10:40 **Jair Remigio-Juárez** (Juarez Autonomous University of Tabasco, Mexico)
The link volume of some prism manifolds
- Takuji Nakamura** (Osaka Electro-Communication University, Japan)
On virtual knots with no 3-state
- Atsushi Ishii** (University of Tsukuba, Japan)
A multiple conjugation quandle
- Toshifumi Tanaka** (Gifu University, Japan)
On slice knots and smooth 4-manifolds
- Reiko Shinjo** (Kokushikan University, Japan)
Universal sequences of spatial graphs

Set-Theoretic Topology 1 (Room C)

- 9:00 – 9:25 **Marion Scheepers** (Boise State University, U.S.A.)
The quest for generalizing Borel's conjecture
- 9:30 – 9:55 **Ángel Tamariz-Mascarúa**
(Universidad Nacional Autónoma de México, México)
AI-Maximal Independent Families and Irresolvable Baire Spaces

Set-Theoretic Topology 2 (Room D)

- 9:00 – 9:25 **Kazumi Miyazaki** (Osaka Sangyo University, Japan)
Continuous weak selections for product spaces
- 9:30 – 9:55 **Artur Hideyuki Tomita** (University of São Paulo, Brazil)
A van Douwen like theorem for finite and countable powers of countably compact groups without non-trivial convergent sequences

Set Theory (Room B)

- 9:00 – 9:25 **Andrew Brooke-Taylor** (Kobe University, Japan)
Evasion of Large Cardinals
- 9:30 – 9:55 **Vera Fischer** (University of Vienna, Austria)
Template Iterations and Maximal Cofinitary Groups
- 10:00 – 10:25 **Dilip Raghavan** (National University of Singapore, Singapore)
Almost disjoint families and cardinal invariants

10:40 – 11:00 Coffee Break**11:00 – 11:40 Plenary Session (Room A)**

- 11:00 – 11:40 **Jan van Mill** (Vrije Universiteit, the Netherlands)
On topological groups with a first-countable remainder

11:40 – 14:50 Parallel Sessions**Algebraic Topology (Room F)**

- 11:50 – 12:30 **Problem Session**
- 12:30 – 13:20 **Lunch Break**
- 13:20 – 14:00 **Luis Jorge Sánchez Saldaña** (Universidad Nacional Autónoma de México and Universidad Michoacana de San Nicolás de Hidalgo, Mexico)
On the ranks of K-theory groups of some group rings.
- 14:05 – 14:45 **Miguel A. Xicoténcatl**
(Centro de Investigación y de Estudios Avanzados del IPN, Mexico)
Topological complexity of projective product spaces

Continuum Theory and Geometric Topology (Room E)

- 11:40 – 13:20 **Lunch Break**
- 13:20 – 13:50 **Tatsuhiko Yagasaki** (Kyoto Institute of Technology, Japan)
Groups of uniform homeomorphisms of covering spaces
- 13:55 – 14:25 **Piotr Oprocha** (AGH University & IMPAN, Poland)
Types of shadowing for C^0 generic maps.

Knot Theory (Room A)11:40 – 13:20 **Lunch Break**13:20 – 14:50 **Ferrán Valdez** (Centro de Ciencias Matemáticas, UNAM, Morelia, Mexico)
Polynomial invariants of hyperbolic 3-manifolds**Kokoro Tanaka** (Tokyo Gakugei University, Japan)

On rack colorings for surface-knot diagrams without branch points

Vikash Siwach (Indian Institute of Technology Ropar, Punjab, India)

Exact Unknotting Sequence of Torus Knots

Set-Theoretic Topology (Room C)11:40 – 13:30 **Lunch Break**13:30 – 13:55 **Yukinobu Yajima** (Kanagawa University, Japan)

A separation of diagonal on products of a monotonically normal space with a compact space

14:00 – 14:25 **Jerry E. Vaughan** (University of North Carolina at Greensboro, U.S.A.)Fibers of continuous real valued functions on ψ -spaces**Set Theory (Room B)**11:40 – 13:30 **Lunch Break**13:30 – 13:55 **Toshimichi Usuba** (Kobe University, Japan)

Topological games and large cardinals

14:00 – 14:25 **Michael Hrusak** (UNAM, Mexico)

CDH spaces and set-theory

15:00 – 15:50 Plenary Session, Closing (Room A)15:00 – 15:40 **Mario Eudave-Muñoz** (Instituto de Matemáticas, UNAM, Mexico)

Toroidal Dehn surgeries on hyperbolic knots

15:40 – 15:50 **Closing Ceremony****18:00 – 21:00 Banquet**