



Official Events

18:00- on 3 June : Reception.

18:30- on 5 June : Conference banquet held in the Clock Tower Centennial Hall.

Time Table

Invited talk : 50 + 10min.

Short talk : 15 + 5 min.

Poster introduction : 90 sec.

Mon, June 3

chairpersons : Masaru Shibata (morning), Nobuyuki Kanda (afternoon)

9:00 - 9:50	Registration
9:50 - 10:00	Opening speech by Misao Sasaki, director of YITP
10:00 - 11:00 (invited)	Bernard Schutz <i>Gravitational Wave Astronomy in the Next Decade</i>
11:00 - 11:30	Break
11:30 - 12:30 (invited)	Keita Kawabe <i>Advanced LIGO</i>
12:30 - 12:40	Group photo
12:40 - 14:00	LUNCH
14:00 - 15:00 (invited)	Fulvio Ricci <i>Advanced VIRGO and beyond</i>
15:00 - 16:00 (invited)	Takaaki Kajita <i>The KAGRA Project (tentative title)</i>
16:00 - 16:30	Break
16:30 - 16:50 (short)	Kentaro Somiya <i>Quantum noise reduction for the third-generation gravitational-wave detector</i>
16:50 - 17:10 (short)	Ofek Birnholtz <i>Gravitational Wave Memory from Gamma Ray Bursts' Jets</i>
17:10 - 17:50	90-sec. short presentations for posters
18:00 - 20:00	Reception and poster viewing

Tue, June 4

chairpersons : Yasufumi Kojima (morning), Hiroyuki Nakano (afternoon)

9:30 - 10:30 (invited)	Richard Norman Manchester <i>Pulsar Timing Arrays and the Detection of Gravitational Waves</i>
10:30 - 11:00	Break
11:00 - 12:00 (invited)	Krzysztof Belczynski <i>Science with gravitational wave detections</i>
12:00 - 12:20 (short)	Ataru Tanikawa <i>Detection rate of binary black holes formed in globular clusters</i>
12:20 - 12:40 (short)	Tomasz Bulik <i>The influence of metallicity evolution on the shape of gravitational wave background spectrum</i>
12:40 - 14:00	LUNCH
14:00 - 15:00 (invited)	Bruce Allen <i>Data Analysis for Ground-based Gravitational Wave Detectors</i>
15:00 - 15:20 (short)	Nicolas Yunes <i>Gravitational Waves from Extreme-Mass Ratio Inspirals as Probes of Accretion Disk Physics</i>
15:20 - 15:40 (short)	Pablo Laguna <i>Tidal Disruptions by Massive Black Holes: The Relativistic Regime</i>
15:40 - 16:10	Break
16:10 - 17:10 (invited)	Bangalore Sathyaprakash <i>Measuring black hole binaries</i>
17:10 - 17:30 (short)	Takamitsu L Tanaka <i>Electromagnetic signatures of compact supermassive black hole binaries</i>
17:30 - 17:50 (short)	Atsushi Nishizawa <i>Search for massive gravitational-wave background with a detector network</i>

Wed, June 5

chairpersons : Takashi Nakamura (morning), Kunihito Ioka (afternoon)

9:30 - 10:30 (invited)	Edo Berger <i>The Environments and Afterglows of Short GRBs: Implications for the Progenitors and GW/EM Counterparts</i>
10:30 - 11:00	Break
11:00 - 12:00 (invited)	Tsvi Piran <i>Electromagnetic Counter Parts of Gravitational Waves</i>
12:00 - 12:20 (short)	Masaomi Tanaka <i>Optical Emission from Neutron Star Merger</i>
12:20 - 12:40 (short)	Kunihito Ioka <i>High-Energy Aspects of Neutron Star Mergers</i>
12:40 - 14:00	LUNCH
14:00 - 15:00 (invited)	Nobuyuki Kawai <i>Search for X-ray counterparts of Gravitational Wave Events</i>
15:00 - 15:20 (short)	Kenji Toma <i>Efficient Acceleration of Relativistic MHD Jets</i>
15:20 - 15:40 (short)	Koutarou Kyutoku <i>Mass ejection from black hole-neutron star binaries</i>
15:40 - 16:10	Break
16:10 - 17:10 (invited)	Patrick Sutton <i>Detecting Gravitational-Wave Bursts</i>
17:10 - 17:30 (short)	Shiho Kobayashi <i>Liverpool Telescope 2 and EM counterparts of GW sources</i>
18:30 - 20:30	Banquet

Thu, June 6

chairpersons : Naoki Seto (morning), Hideyuki Tagoshi (afternoon)

9:30 - 10:30 (invited)	Bernd Brgmann <i>Black hole and neutron star binaries in numerical relativity</i>
10:30 - 11:00	Break
11:00 - 12:00 (invited)	Alessandra Buonanno <i>Closing in on the Shape of Gravitational Waves from Binary Systems</i>
12:00 - 12:20 (short)	Deirdre Shoemaker <i>Binary Black Hole Gravitational Waves: Simple or Complex?</i>
12:20 - 12:40 (short)	Sebastiano Bernuzzi <i>Tidal effects in binary neutron star coalescence</i>
12:40 - 14:00	LUNCH
14:00 - 15:00 (invited)	Emanuele Berti <i>(Astro)physics with the first gravitational-wave detections</i>
15:00 - 15:20 (short)	Steve Drasco <i>Comparing numerical relativity to numerical kludge</i>
15:20 - 15:40 (short)	Morgane Fortin <i>Proto-neutron stars evolution and gravitational wave emission</i>
15:40 - 16:10	Break
16:10 - 17:10 (invited)	Kostas Kokkotas <i>Rotational & Magnetic Field Instabilities in Neutron Stars</i>
17:10 - 17:30 (short)	Pablo Cerda-Duran <i>Black Hole formation in the collapsar scenario for GRBs</i>
17:30 - 17:50 (short)	Wynn Ho <i>The physics of the gravitational wave r-mode instability in low-mass X-ray binaries</i>

Fri, June 7

chairpersons : Yudai Suwa (morning), Takahiro Tanaka (afternoon)

9:30 - 10:30 (invited)	John Friedman <i>Extreme-mass-ratio inspiral in a radiation gauge</i>
10:30 - 11:00	Break
11:00 - 12:00 (invited)	Christian Ott <i>Advances in the Modeling of Stellar Collapse and Neutron Star Mergers: Where we are and where we need to go</i>
12:00 - 12:20 (short)	Yuichiro Sekiguchi <i>Radiation-Hydrodynamics Simulations in Numerical Relativity</i>
12:20 - 12:40 (short)	Andreas Bauswein <i>Equation-of-state dependence of gravitational waves, nucleosynthesis and optical transients from neutron-star mergers</i>
12:40 - 14:00	LUNCH
14:00 - 15:00 (invited)	Luis Lehner <i>Loud and Bright: gravitational and electromagnetic energy output from compact binaries</i>
15:00 - 16:00 (invited)	Patrick Brady <i>(no announcement)</i>
16:00 - 16:10	Closing

Poster presentations

P1	Ivan Dario Arraut Guerrero About the propagation of Gravitational waves in an asymptotically de-Sitter space: Comparing two pint of Views.
P2	Kazuharu Bamba Large-scale magnetic fields from inflation in teleparallelism
P3	Micha Stanisaw Bejger Gravitational waves from rotating superfluid neutron stars
P4	Bruno Giacomazzo Formation of Stable Magnetars from NS-NS Mergers
P5	Yuta Hiranuma Testing Gravitational Wave Searches Using Hilbert-Huang Transform with TAMA300 Data
P6	Kenta Hotokezaka Mass ejection from binary neutron star mergers
P7	Soichiro Isoyama Adiabatic radiation reaction to a resonant inspirals in Kerr
P8	Masato Kaneyama Detection method with the Hilbert-Huang transform in search for gravitational-wave bursts
P9	Chris Kavanagh Late Time tail of the field perturbation in Kerr spacetime
P10	Tomoya Kinugawa Pop.III binary population synthesis
P11	Naoya Kitajima Gravitational waves from a curvaton model with blue spectrum
P12	Kenta Kiuchi Binary neutron star simulations with finite a temperature equation of state and neutrino cooling
P13	Natalia Korsakova Experiment to test alternative theories of gravity with LISA Pathfinder
P14	Sachiko Kuroyanagi Gravitational waves from self-ordering scalar fields
P15	Ruggero Micheletto A shadow sensor device for KAGRA gravitational wave telescope
P16	Philipp Moesta GRHydro: A new open source general-relativistic magnetohydrodynamics code for the Einstein Toolkit
P17	Pedro Montero Relativistic collapse and explosion of rotating supermassive stars with thermonuclear effects
P18	HiroYuki Nakano Analytical Modeling for Binary Black Holes
P19	Wei-Tou Ni Deployments, Sensitivities, Angular Resolutions and Scientific Goals for Gravitational Wave Detectors in Space
P20	Ryan Martin O'Leary The Formation and Inspiral of Eccentric Gravitational Wave Sources
P21	Yasumichi SANO Black hole perturbation and Hertz potential
P22	Naoki Seto Highly Eccentric Kozai Mechanism and GW Observation for Neutron Star Binaries
P23	Sweta Shah Using electromagnetic information to improve GW parameter estimates of the Galactic compact binaries
P24	Yudai Suwa Neutrino acceleration in neutrino-dominated accretion flow
P25	Kentaro TAKAMI Relation between the initial masses and the fundamental f2 frequency of the GW emission from a HMNS
P26	Hideyuki Tagoshi Parameter estimation accuracy of gravitational waves from inspiraling compact binaries using a network of laser interferometers
P27	Koji Uryu COCAL: A new code for compact objects in (quasi-)equilibriums
P28	Niels Warburton Isosfrequency pairing of geodesic orbits in Kerr geometry
P29	Barry Wardell Green function approach to self-force calculations
P30	ChonMeng Wong A shadow sensor device for KAGRA gravitational wave telescope
P31	Kent Yagi Universal I-Love-Q Relations in Neutron Stars and their Applications to Astrophysics, Gravitational Waves and Fundamental Physics
P32	Takahiro Yamamoto Reconstruction of the time-series strain signal of laser interferometric gravitational wave detector
P33	HiroYuka Yoshino Axion Bosenova and Gravitational Waves
P34	HiroYuka Yuzurihara Study of detection and parameter estimation of gravitational wave from cosmic string with ground-based detectors