

3rd TAMA Symposium

Feb.6 (Thursday)

Chair : K.Kuroda (ICRR)

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|-------|---------------------------|-----------------------------------|
| 9:00 | Opening Talk | T.Yoshimura (President of ICRR) |
| 9:05 | Current Status of TAMA300 | S.Nagano (NAOJ) |
| 9:35 | CLIO Interferometer | S.Miyoki (ICRR, Univ of Tokyo) |
| 9:55 | LCGT Design and R&D | M.Ohashi (ICRR, Univ of Tokyo) |
| 10:25 | break | |

Chair : K.Tsubono (Univ of Tokyo)

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| 10:50 | Search for GW from Compact Binary Star Coalescences | H.Tagoshi (Osaka Univ) |
| 11:10 | Coincident event search using TAMA300 and LISM data | H.Takahashi (Nigata Univ.) |
| 11:30 | Burst event analysis of TAMA | M.Ando (Univ of Tokyo) |
| 12:00 | Lunch | |

Chair : M.-K. Fujimoto (NAOJ)

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| 13:30 | Hyper Novae and Black Hole | K.Nomoto (Univ of Tokyo) |
| 14:00 | State and mechanism of a neutron star which can be an applicant for a GW source | Y.Kojima (Hiroshima Univ.) |
| 14:30 | Numerical Relativity and GW | M.Shibata (Univ of Tokyo) |
| 15:00 | 休 憩 | |

Chair : M.Ohashi.

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| 15:30 | Development of a high power fiber amplifier | M.Musha (UEC) |
| 16:00 | Large area DLC coating and its vacuum property | Y.Saito (KEK) |
| 16:30 | Precise measurement of low frequency seismic noise using laser interferometer | M.Araya (Univ of Tokyo) |
| 17:00 | Social Party (Café in Kashiwa Campus) | |
| 19:00 | End | |

Feb.7(Friday)

Chair : T.Shintomi (KEK)

9:00 Development of CLIO Refrigerators T.Haruyama (KEK)

9:20 DECIGO Project : Space GW Antenna

S.Kawamura (NAOJ)

9:40 break

Chair : S.Kawamura (NAOJ)

10:00-12:00 LIGO Session (English Talks)

10:00 Overview and Status Albert Lazzarini(Caltech)

10:40 A Commissioning Status Mike Zucker(MIT)

11:20 A Technical Report of Science run activities and future plans

Patrick Brady (UWM)

12:00 Lunch

13:00-15:00 Parallel Session

Executive Meeting (13:00-15:00)

13:00 Tour for GW facility in ICRR and Graduate School for Frontier Science.

Chair : N.Mio (GSFS)

14:00 Development of a high-power and stable laser for gravitational wave detection.

K.Takeno (GSFS)

14:20 Study in internal friction of MnCuNiFe alloy at cryogenic temperature.

R.Tanji (GSFS)

14:40 break

Chair : N.Kanda (Osaka-city Univ.)

15:00 Theoretical Research Plan T.Nakamura (Kyoto Univ.)

15:30 Chaos and GW K.Maeda (Waseda Univ.)

16:00 Measurement of Zero oscillation of quantum field using a torsion pendulum

M.Masuda (ICRR, Univ of Tokyo)

16:30 Atomic Interferometer for precise gravity measurement

K.Nakagawa (UEC)

17:00 Closing Talk

Y.Kozai (Gunma Obs.)

17:05 End of Workshop