

Gravitational Wave Physics and Astronomy Workshop 2015 17-20 June, 2015, Osaka, Japan

First circular

January 2015

Takashi Nakamura,

Chair of Scientific Organizing Committee

One hundred years ago, Albert Einstein's theory of general relativity predicted the existence of gravitational waves. Now, new generation of gravitational-wave detectors are coming online, and are expected to detect strong sources of gravitational waves in the near future.

The 2015 Gravitational Wave Physics and Astronomy Workshop (GWPAW) will take place at Osaka, Japan, from 17th to 20th June. The workshop focuses not only on gravitational waves themselves, but also on the physics, astrophysics and astronomy that can be derived from gravitational-wave observations and their counterpart/follow-up observations. The workshop was formerly known as the Gravitational Wave Data Analysis Workshop (GWDAAW). This year we will emphasize the science that will be derived from gravitational-wave data analysis and counterpart studies.

We look forward to seeing you in Osaka.

[*Invited speakers and topics*]

Status of Gravitational Wave detectors

Matthew Evans (LIGO)

Francesco Piergiovanni (Virgo)

Takaaki Kajita (KAGRA)

Martin Hewitson (eLISA & LPF)

Masaki Ando (DECIGO)

Dick Manchester (PTAs)

Counterpart/follow-up

Edo Berger (Short GRB)
Shrinivas Kulkarni (Optical-Infrared-radio)
Peter Meszaros (X, Gamma)
Mark Vagins (Neutrino)

GW Data Analysis and Theory

Alessandra Buonanno (GW modeling)
Maria Alessandra Papa (Data analysis)
David Merritt (Sources for low frequency GW)
Bruce Allen (Summary talk and organizer of discussion)

[*Schedule*]

GWDAW 2015 will be held from 17th to 20th June, 2015.

Jan. 2015	1st circular and web page open
2nd March	Registration and abstract submission start
End of April	Abstract deadline
8th May	Early registration deadline
29th May	Late registration limit
16th June	Optional tour for KAGRA site at Kamioka Reception will be held in the evening, at Osaka.
17th June	1st day of the workshop
18th June	2nd day, banquet in the evening
19th June	3rd day
20th June	Final day. The workshop will finish by lunch time.

[*Conference venue*]

INTEX-Osaka International Conference Hall,
<http://www.intex-osaka.com/en/access/>

[*Web page*]

<http://www.gw.hep.osaka-cu.ac.jp/gwpaw2015/>

Detailed information for registration, abstract submission, access, accommodation etc. will be announced on the web page.

[*E-mail address for any further questions*]

gwpaw2015_support_AT_gwv.hep.osaka-cu.ac.jp

(Change “_AT_” as “@” when you send an Email.)

[*Scientific Organizing Committee*]

M.Alessandra Papa (AEI-Golm and -Hannover)

Bruce Allen (AEI-Hannover)

Edo Berger (Harvard)

Sukanta Bose (IUCAA)

Laura Cadonati (Georgia Institute of Technology & U. of Massachusetts Amherst)

Gianluca M Guidi (INFN Firenze - Urbino U.)

Martin Hewitson (AEI-Hannover)

Nobuyuki Kanda (Osaka City U.)

Erik Katsavounidis (MIT)

Nobuyuki Kawai (Titech)

S.R. Kulkarni (Caltech)

Dick Manchester (CSIRO Astronomy and Space Science, Sydney, Australia)

Peter Meszaros (Penn U.)

Benoit Mours (LAPP)

Takashi Nakamura (Kyoto U., chair)

B.S. Sathyaprakash (Cardiff U.)

Takahiro Tanaka (Kyoto U.)

[*Local Organizing Committee*]

Kazuhiro Hayama (Osaka City U.)
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Hirotaka Takahashi (Nagaoka U. of Technology)
Takahiro Tanaka (Kyoto U.)
Kiyoe Yokota (Kyoto U., Secretary)
Takaaki Yokozawa (Osaka City U.)

[*Support*]

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