

Kei-ichi Maeda, JGRG 22(2012)111605



"Conclusion"

RESCEU SYMPOSIUM ON GENERAL RELATIVITY AND GRAVITATION

JGRG 22



Koshiba Hall, The University of Tokyo, Hongo, Tokyo, Japan





CONCLUSION?

Kei-ichi Maeda Waseda University



Research on Gravitation

Provide Mystery



Big Progress in Physics

motion of planets & falling objects



universal gravitation (Newton)

Dawn of modern physics



Genral Relativity (Einstein)

gravity = geometry spacetime becomes a physical object



cosmology • black holes • GWs

Now

Microscopic

Unification of fundamental interactions

Quantization

gravity is exceptional

Macroscopic

Dark energy?

Many "modified" gravitational theories are proposed

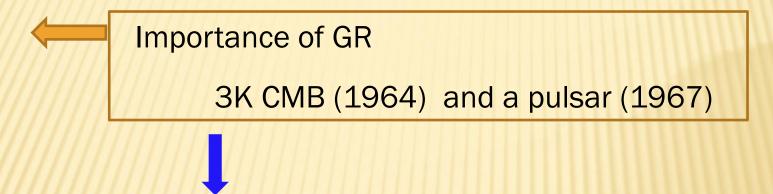


new big progress in physics?



Workshop on General Relativity and Gravitation 1974-76

(Uchiyama, Hirakawa, Nariai, Kimura, K. Hayashi, Fujii,....)



JGRG1 (Tokyo Metropolitan University, Dec 4-6 1991)

T. Nakamura and KM

a grant-in-aid for scientific research on **priority areas**, "gravitational wave astronomy" → TAMA project (PI: S. Hayakawa →T. Nakamura)

Community (BIG3: Kodama, Sasaki, and Futamase)

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JGRG1 (Tokyo Metropolitan University, Dec 4 - 6 1991)
JGRG2 (Waseda University, Jan 18-20 1993)
JGRG3 (The University of Tokyo, Jan 17-20 1994)
JGRG4 (YITP, Kyoto University, Nov 28 - Dec 1 1994)
JGRG5 (Nagoya University, Jan22-25 1996)
JGRG6 (Tokyo Institute of Technology, Dec 2- 5 1996)
JGRG7 (YITP, Kyoto University, Oct 27-30 1997)
JGRG8 (Niigata University, 19th Oct - 22nd Oct 1998)
JGRG9 (Hiroshima University, 3rd Nov - 6th Nov 1999)
JGRG10 (Osaka University, 11th Sep - 14th Sep 2000)
                                                       International Workshop
JGRG11 (Waseda University, 9th Jan - 12th Jan 2002)
JGRG12 (Komaba, The University of Tokyo, 25th Nov - 28th Nov 2002)
JGRG13 (Osaka City University, 1st Dec - 4th Dec 2003)
JGRG14 (YITP, Kyoto University, 29th Nov - 3rd Dec 2004)
JGRG15 (Tokyo Institute of Technology, 28th Nov - 2rd Dec 2005)
JGRG16 (Niigata Prefectural Center, 27th Nov - 1st Dec 2006)
JGRG17 (Nagoya University, 3rd Dec - 7th Dec 2007)
JGRG18 (Hiroshima University, 17th-21st Nov 2008)
JGRG19 (Rikkyo University, 30th Nov -4th Dec 2009)
JGRG20 (YITP, Kyoto University, 21st Sep -25th Sep 2010)
JGRG21 (Tohoku University, 26th Sep -29th Sep 2011)
                                                          New Project : KAGRA
JGRG22 (Tokyo University, 26th Sep -29th Sep 2011)
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Although they (Kodama, Sasaki, and Futamase) have played very important roles in research on gravity,

More important point is the following fact:

The JGRG workshop series have been supported by active involvement of young postdocs and graduate students. In turn, it is hoped that their experience from the JGRG workshop series will help them grow into world's leading scientists.

From JGRG homepage:http://www-tap.scphys.kyoto-u.ac.jp/jgrg/about.html

So we will continue this series:

Next is

Hirosaki University







We would like to thank

RESQEU group

Jun'ichi Yokoyama (chairperson) and Teruaki Suyama, ••••