

XVIII VIETNAM SCHOOL OF PHYSICS

Quy Nhon, 23 July – 03 August 2012

LECTURES' SCHEDULE

First week

DATE		Mon 23 July	Tue 24 July	Wed. 25 July	Thu. 26 July	Fri. 27 July	Sat. 28 July
Morning	08:20 – 08:30	Registration					
	08:30 – 09:30	Opening	Alvarez-Gaume 1	Kim 3	Alvarez-Gaume 5	Kurihara 3	Nomachi
	09:30 – 09:40	Coffee/tea break					
	09:40 – 10:40	Godbole 1	Alvarez-Gaume 2	Kim 4	Alvarez-Gaume 6	Kurihara 4	Osaka program
	10:40 – 11:00	Break					
	11:00 – 12:00	Godbole 2	Kurihara 1	Alvarez-Gaume 3	Godbole 5	Kim 5	Osaka program
LUNCH BREAK							
After noon	14:00 – 15:00	Kim 1	Kurihara 2	Alvarez-Gaume 4	Godbole 6	Kim 6	Kishimoto
	15:00 – 15:20	Coffee/tea break					
	15:20 – 16:20	Kim 2	Godbole 3	Discussions/ exercises	Alvarez-Gaume 7	Mini-seminars	Osaka program
	16:20 – 16:30	Break					
	16:30 – 17:30	Reserved for extra-session	Reserved for extra-session	Godbole 4	Reserved for extra-session	Mini-seminars	Osaka program

Other programs:

- **Registration** (4:00 PM, Sunday, 22 July, Binh-Duong guest house).
- **Osaka experimental program:** *measurements of the speed of light and the natural radioactivity.*
- **Excursion (tentative):** Sunday, 29 July.

LECTURE TITLES

Regular lectures

- **Luis Alvarez-Gaume** (CERN, Geneva, Switzerland):
“Gauge theory and symmetry breaking”.
- **Rohini Godble** (IISc, Bangalore, India):
“BSM through the window of electroweak symmetry breaking”.
- **Yoshimasa Kurihara** (KEK, Tsukuba, Japan):
“QCD at the LHC”.
- **Hang Bae Kim** (Hanayang university, Seoul, Korea):
“Introduction to astrophysics (astro particle physics) and cosmology”.

Topical lectures

- **Masaharu Nomachi** (Osaka university, Osaka, Japan):
“Data handling and data analysis”.
- **Tadafumi Kishimoto** (Osaka university, Osaka, Japan):
“Double beta decay and neutrino physics”.

Experimental program of the Osaka university

- **Measurement of the speed of light.**
- **Measurement of the natural radiation.**