



Symposium Italy- Japan 2012 on Nuclear Physics Milano 20-23 November 2012

Aula delle Scienze- Università degli Studi di Milano

Via Festa del Perdono, Milano

Program

Monday 19 November

19.30 *Welcome Cocktail at
restaurant Manhattan*

Tuesday 20 November 2012

CHAIR: Cosimo Signorini

9:00-9:05 Laura Perini- Welcome –Director of Physics Department Milano

9:05-9:15 Angela Bracco - Introduction

9:15-9:45 **Mauro Taiuti** (Genova)
Overview of the Nuclear Physics activity within INFN

9:45-10:15 **Stefano Romano** (LNS, Catania)
Overview of the activity at the INFN laboratory LNS

10:15-10:45 **Kosuke Morita** (RIKEN)
Research on Superheavy element at RIKEN

10:45-11:15 **Tomohiro Uesaka** (RIKEN)
Overview of the RIBF

11:15-11.40 **COFFEE BREAK**

CHAIR: Fabiana Gramegna

11:40-12:10 **Marco Ripani** (Genova)
Research on Nuclear Energy

12:10-12:40 **Nicola Colonna** (Bari)
Results from the n _TOF experiment

12:40-13:10 **Jenny Pierrousaku** (Napoli)
Nuclear reaction studies with the EXOTIC set up at LNL

13:10-14:30 **LUNCH BREAK**

CHAIR: Alberto Rotondi

14:30-15:00 **Gianfranco Prete** (LNL)
Status of the SPES Project

15:00-15:30 **Takaharu Otsuka** (CNS, U. Tokyo)
An overview on exotic nuclei and nuclear forces, and MCSM

15:30-16:00 **Silvia Lenzi** (Padova)
Nuclear interactions in nuclei far from stability

16:00-16.30 **COFFEE BREAK**

CHAIR: Gianluca Colo

16:30-17:00 **Yutaka Utsuno** (JAEA)
Shell evolution in neutron-rich calcium region

17:00-17:30 **Silvia Leoni** (Milano)
Particle vibration couplings in neutron-rich calcium region

17:30-18:00 **Toshio Suzuki** (Nihon U.)
Nuclear Structure and Nuclear Astrophysical Processes

18:00-18:30 **Silvio Cherubini** (LNS, Catania)
Nuclear astrophysics at LNS

Wednesday 21 November 2012

CHAIR: Valerio Vercesi

9:00-9:30 **Sandro Rossi** (CNAO, Pavia)
The CNAO Facility for hadron therapy

9:30-10:00 **Lucia Votano** (LNGS)
Overview of the activity at LNGS

10:00-10:30 **Alessandra Guglielmetti** (Milano)
The status of the LUNA experiment

10:30-11.00 COFFEE BREAK

CHAIR: Maria Paola Lombardo

11:00-11:30 **Mitsuhiro Fukuda** (RCNP)
RCNP Cyclotron facility

11:30-12:00 **Takeshi Murakami** (HIMAC)
Carbon Ion Radiotherapy at HIMAC

12:00-12:30 **Kouichi Hagino**(Tohoku U.)
Subbarrier fusion reactions and multi-neutron transfer

12:30-14:00 LUNCH BREAK

CHAIR: Pierfrancesco Bortignon

14:00-14:30 **Piero Mando'** (Firenze)
Overview of the activities at LABEC

14:30-15:00 **Atsushi Kimura** (JAEA)
Activities of Nuclear Data Measurements using the ANNRI in J-PARC/MLF

15:00-15:30 **Atsuko Odahara** (Osaka)
Shape evolutions studied at EURICA and RCNP facilities of in-beam gamma-ray spectroscopy

15:30-16:00 **Dino Bazzacco**(Padova)
Selected results from the experimental campaign of the AGATA Demonstrator at LNL

16:00-16.20 **COFFEE BREAK**

CHAIR: Ermanno Vercellin

16:20-16:50 **Rosario Nania** (Bologna)
The latest results from ALICE

16:50-17:20 **Tatsuya Chujo** (Tsukuba)
High energy heavy ion collisions at LHC

17:20-17:50 **Giuseppe Verde** (Catania)
Accessing the isospin dependent equation of state with heavy-ion collision dynamics

17:50-18:20 **Toshiki Maruyama** (JAEA)
Structure and properties of nuclear matter in compact stars

Thursday 22 November 2012

CHAIR: Sara Pirrone

9:00-9:30 **Nori Aoi** (RCNP)
In-beam gamma-ray spectroscopy of unstable nuclei in Japan

9:30-10:00 **Angela Bonaccorso** (Pisa)
Direct reactions with unstable nuclei

10:00-10:30 **Koichi Sato** (RIKEN)
Microscopic approach to large-amplitude deformation dynamics with local QRPA

10:30-11:00 **Hidetoshi Yamaguchi** (CNS)
Studying nuclear reactions with the low-energy RI beam separator CRIB

11:00-11.20 COFFEE BREAK

CHAIR: Wolfram Weise

11:20-11:50 **Susumu Shimoura** (CNS)
High-resolution missing-mass spectroscopy using intermediate-energy RI beams

11:50-12:20 **Hiroari Miyatake** (KEK)
Present status of the KISS project

12:20-12:50 **Kazuhito Mizuyama** (RCNP)
Self-consistent microscopic description of neutron scattering by ^{16}O based on the continuum particle-vibration coupling method.

12:50-13:15 **Giovanni Fiorentini** (LNL)
Overview of the activities at LNL

12:50-14:30 LUNCH BREAK

CHAIR: Paola Gianotti

14:30-15:00 **Valeria Muccifora** (Frascati)
Overview of the activities at LNF

15:00-15:30 **Tomofumi Nagae** (Kyoto)
J-PARC Hadron Facility and Strangeness Nuclear Physics 12:20-12:50

15:30-16:00 **Alessandro Feliciello** (Torino)
Latest results from FINUDA

16:00-16.30 COFFEE BREAK

CHAIR: Chiara Meroni

16:30- 17:00 **Takashi Nakano** (RCPN)
Hadron Physics at LEPS and ELPH

17:00- 17:30 **Catalina Curceanu** (LNF)
The results of the 15 years long collaboration between Italy and Japan in studies of kaonic atoms

17:30- 18:00 **Tohru Motobayashi** (RIKEN)
Final remarks

20:00 **CONFERENCE DINNER (restaurant Manhattan)**

Friday 23 November 2012

10:30 Meeting at the bus waiting near to the hotel Zurigo

Visit to Pavia and to the CNAO center (at San Matteo hospital) (at 17:00)

Lunch at LA CASA SUL FIUME - Via S. Lanfranco 52 - Pavia- Tel 0382 422166

Return to Milano at approximately 20:00