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“KGU Yokohama Autumn School of Nuclear Physics”

KGU Kannai Media Center, Kanto Gakuin University (KGU),  
Yokohama, Japan October 9 – October 10, 2008

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FINAL CIRCULAR

OF

“KGU Yokohama Autumn School of Nuclear Physics”

Dear Colleagues,

We are pleased to announce “KGU Yokohama Autumn School of Nuclear Physics” to be held in Yokohama (Japan), in the KGU Kannai Media Center, Kanto Gakuin University (KGU), on October 9–10, 2008. Professor Peter Schuck (IPN, Orsay, France) will come to Japan this October and stay mainly at Yukawa Institute for Theoretical Physics, Kyoto University. Taking this opportunity, this school is held in Yokohama.

We recommend to all participants to visit our updated School web page where the most important information concerning the organization can be found.

URL : [http://home.kanto-gakuin.ac.jp/~yamada/physics/autumn\\_school.html](http://home.kanto-gakuin.ac.jp/~yamada/physics/autumn_school.html)

#### SCIENTIFIC PROGRAM AND CALL FOR CONTRIBUTIONS

For this school, it is anticipated to have both theoretical and experimental presentations on nuclear physics. If time permits, all contributions will be accepted and presented orally.

The following topics have been selected in order to cover most of the scientific program:

1. Alpha Condensation and Nucleon Correlation in Nuclei
2. Alpha Clustering and Nuclear Molecules
3. Cluster Structure and Tensor Correlation
4. Two- and Three-Body Reactions
5. Production, Structure and Decay of Hypernuclei
6. Other related topics

#### INVITED SPEAKERS

Yasuro Funaki (RIKEN)

*“Alpha clustering and condensation in  $^{16}\text{O}$ ”*

Masatoshi Itoh (CYRIC, Tohoku Univ.)

*“Experimental studies for  $\alpha$ -condensed states”*

Shigeo Ohkubo (Kochi Women's Univ.)

*"Rainbow scattering and cluster structure in nuclei"*

Peter Schuck (IPN, Orsay)

TBA

Wataru Horiuchi (Niigata Univ.)

*"Inversion doublets of  $3N+N$  cluster structure in excited states of  ${}^4\text{He}$ "*

Hirokazu Tamura (Tohoku Univ.)

*"Present Status and Future of Hypernuclear Physics"*

Toshio Motoba (Osaka Electro-Communication Univ.)

*"Typical hypernuclear structures and the production reactions"*

## ADVISORY COMMITTEE

Hisashi Horiuchi (RCNP)

Gerd Röpke (Univ. of Rostock)

Peter Schuck (IPN Orsay)

Akihiro Tohsaki (RCNP)

## LOCAL ORGANIZING COMMITTEE

Taiichi Yamada (Kanto Gakuin Univ.) : chairman

Yasuro Funaki (RIKEN) : vice chairman

Kiyomi Ikeda (RIKEN)

Masayasu Kamimura (RIKEN)

Yoshiko Kanada-En'yo (Kyoto Univ.)

Takahiro Kawabata (Tokyo Univ.)

## LOCATION

The school is held at the KGU Kannai Media Center, Kanto Gakuin University (KGU), Yokohama. The location is in the center of Yokohama city, near the famous Chinatown in Yokohama by about 10-minute walk from the conference place. The map can be downloaded from the home page of Kanto Gakuin University <http://univ.kanto-gakuin.ac.jp/modules/media7/index.php?id=81> (Sorry only Japanese map is available).

## BANQUET

The banquet will be held in the evening on October 9 at the restaurant "Shigoroku Saikan bekkan" in the famous Chinatown, Yokohama, by about 10-minute walk from the conference place.

URL: [http://www.456saikan.com/modules/details/index.php?content\\_id=3](http://www.456saikan.com/modules/details/index.php?content_id=3)

The banquet fee is 3,000 yen.

## PROCEEDINGS

The Proceedings will be published by World Scientific in a Special Issue of the International Journal of Modern Physics A (IJMPA) (<http://www.worldscinet.com/ijmpa/ijmpa.shtml>).

All speakers are requested to prepare their camera-ready copies. For the information on the style file of

manuscript (“ijmpa” using Latex2e) and the preparation of “camera-ready copy”, please visit to the following URL: [http://www.worldscinet.com/style\\_files/ijmpa/139-readme\\_2e.shtml](http://www.worldscinet.com/style_files/ijmpa/139-readme_2e.shtml).

The maximum number of pages is 8 for each speaker.

The dead line is STRICTLY before the end of this November.

The file of the camera-ready copy will have to be sent to the email address, [funaki@riken.jp](mailto:funaki@riken.jp)

#### HOTEL ACCOMMODATIONS

There are many hotels around the KGU Kannai Media Center, Kanto Gakuin University. Please make the hotel reservation individually.

We look forward to seeing you in Yokohama soon !

With best wishes.

Yours faithfully,

Local organizing committee