



Workshop on Physics with Ultra Slow Antiproton Beams

March 14-16, 2005
RIKEN, Wako, Japan

Physics of Antiprotons
CPT symmetry
Gravity

Physics with Slow Antiprotons
Atomic Collisions
Atomic Physics
Nuclear Structure
Plasma Physics

New Instruments
Accumulator
Antihydrogen Synthesizer

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Sponsored by RIKEN & The Society for Atomic Collision Research

Physics with Ultra Slow Antiproton Beams

March 14-16, 2005

Okouchi Hall, RIKEN, Wako, Saitama, Japan

General Information

Recent progresses of manipulating antiprotons, particularly trapping, cooling, trimming, and extracting antiprotons allows the start of a new cross disciplinary field with trapped as well as ultra-slow antiprotons. The present workshop is organized intending to provide an occasion for scientists in the related fields to gather together, to exchange ideas, and to brain-storm new research subjects. The fields to be covered are fundamental physics related to CPT symmetry, nuclear structure studies, atomic collisions, atomic physics including antihydrogen.

The list of invited speakers (updated Jan.08, 2005):

J.Eades

M.Fujiwara, TRIUMF

D.Grzonka, Juelich

J.Hangst, Aarhus

D.Horvath, KVKI

R.Lehnert, Vanderbilt Univ., Nashville

K. Jungmann, KVI, Groningen

P. Perez, Saclay

J.Cohen, LANL

D.Gotta, Juelich

R.Hayano, Tokyo

P.Kienle, Vienna

E. Lodi-Rizzini, Brescia

K.Sakimoto, ISAS

H.Schmidt-Boecking, Frankfurt

H.Torii, Tokyo

A. Trzcinska, Warsaw

J.Ullrich, MPI, Heidelberg

M.Wada, RIKEN

S.Wychech, Warsaw

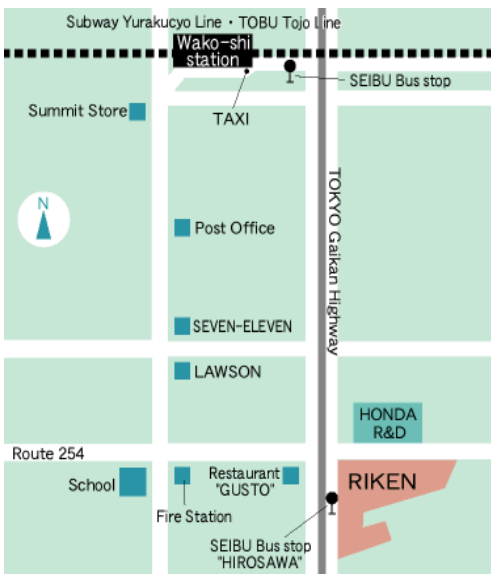
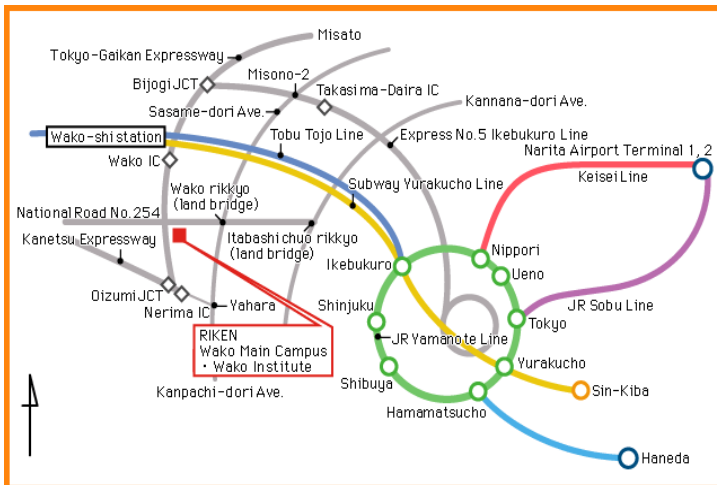
A.Mohri, RIKEN

A.Rosowsky, Saclay

V.Varentsov, S.Petersburg

More will be added as soon as confirmed

Access:



For more details: <http://www.riken.jp/engn/r-world/riken/campus/wako/access.html>

Sponsors:

RIKEN

The Society of Atomic Collision Research

Program: to be announced

March 14:

March 15:

March 16:

Banquet: March 15

-----Registration Form-----

Fill and return the form below before March 1st, 2005 to slowpbar@aps.riken.jp
Invited speakers are also expected to send the registration form below

First Name:

Family Name:

Affiliation (University/ Institution/ Company):

Address (Street, City, Country, Postal Code, phone, fax, email):

Title of your talk (Invited and Contributed talks):

Accommodation request:

date of arrival

date of departure

accompanying person(s)

RIKEN guest room: 3500 yen/night (single room, limited availability)

Toyoko Inn (@Wako): single room: 6000 yen/night

twin/double room: 8000 yen/night

some limited amount of travel supports are available. Please send your request to slowpbar@aps.riken.jp.