

## Invited Speakers (Tentative)

B. Altshuler (Columbia)  
D. Averin (SUNY)  
D.D. Awschalom (UCSB)  
R. Clark (UNSW)  
J. Clarke (UC Berkeley)  
P. Delsing (Chalmers)  
D. Esteve (CEA Saclay)  
R. Fazio (Pisa)  
Y. Gefen (Weizmann)  
L.I. Glazman (Minnesota)  
C.J.P.M. Harmans (Delft)  
F.W.J. Hekking (Grenoble)  
D. Loss (Basel)  
C. Marcus (Harvard)  
T. Martin (Marseilles)  
J. Martinis (UCSB)  
V.V. Moshchalkov (KU Leuven)  
Y. Nakamura (NEC)  
H. Ohno (Tohoku)  
J. Pekola (Helsinki)  
S. Das Sarma (Maryland)  
A. Shnirman (Karlsruhe)  
Y. Tanaka (Nagoya)  
S. Tarucha (Tokyo)  
A. Wallraff (Yale)

## Advisory and Organizing Committee

### Advisory Committee

A.F. Andreev (Moscow)  
T. Claeson (Chalmers)  
J. Clarke (UC Berkeley)  
K. Kajimura (JPSMI)  
J.E. Mooij (Delft)  
A.J. Leggett (Illinois)  
E. Rashba (Buffalo)  
H. Sakaki (Tokyo)

### Organizing Committee

H. Takayanagi (Chair, NTT)  
J. Nitta (Co-Chair, Tohoku)  
T. Akazaki (NTT)  
Y. Nakamura (NEC)  
H. Nakano (NTT)  
S. Nomura (Tsukuba)  
K. Semba (NTT)  
Y. Shimazu (Yokohama Nat.)  
H. Tamura (NTT)  
M. Ueda (Tokyo Inst. Tech.)

## Sponsors

Japan Science and Technology Agency (JST)  
NTT Basic Research Laboratories  
in cooperation with  
The Physical Society of Japan  
The Japan Society of Applied Physics

### Important dates

Abstract deadline :	Jan. 23, 2006
Acceptance notification :	Jan. 30, 2006
Conference date:	Feb. 27 - Mar. 2, 2006
Manuscript deadline :	Mar. 31, 2006

## Call for Papers

### *International Symposium on Mesoscopic Superconductivity and Spintronics (MS+S2006)*



**February 27-March 2, 2006**  
**NTT R&D Center,**  
**Atsugi, Kanagawa,**  
**Japan**

Symposium web site

<http://www.brl.ntt.co.jp/event/ms+s2006/>



Basic Research Laboratories

## Introduction

The International Symposium on Mesoscopic Superconductivity and Spintronics (MS+S2006) will be held in NTT R&D Center, Atsugi, Kanagawa, Japan, from 27 February through 2 March, 2006.

In this symposium, we focus not only on mesoscopic superconductivity and spintronics but also on quantum computation. We expect about 250 participants.

The symposium will be of oral and poster sessions.

## Scope

- Quantum computing & coherence
- Mesoscopic superconductivity
- Andreev-reflection
- Superconductor / ferromagnet hybrid structure
- Spintronics
- Spin related transport
- Semiconductor / ferromagnet hybrid structure
- Diluted magnetic semiconductor
- Quantum effect in nano-structure

## Submission of Papers

**Abstract Deadline: Jan 23, 2006**

All contributed abstracts will be received electronically. The abstract should be one A4 page including text and figures.

Only the PDF (Acrobat Reader) file is acceptable.

Please make sure that figures and fonts are embedded in the document.

The templates for abstract submissions are available from the web site.

For further details, please visit our web site.

## Proceedings

The proceedings of MS+S2006 will be published as a book from the World Scientific Publishers.

All the papers will be subject to peer review. Detailed information and instruction will be given in our web site.

## Registration

Registration should be completed online on the web site before the date of the symposium.

Registration fees are as follows.

Full Registration fee	25,000Yen
Student Registration fee	10,000Yen
Banquet fee (including excursion)	5,000Yen

The fee should be paid at the site of symposium.

Only CASH is accepted.

For Japanese participants: Payment shall be made to the bank account. Detail will be announced later.

## Financial support for students

Financial support will be given to a limited number of students. Those who need support should apply upon abstract submission.

## Passport and VISA

All the persons entering Japan must have valid passports. In addition, persons coming from certain countries must have visas issued by the Japanese consul in their countries.

For details, please contact your nearest Japanese Embassy or Consulate.

The website for the Ministry of Foreign Affairs of Japan is;

[http://www.mofa.go.jp/j\\_info/visit/visa/index.html](http://www.mofa.go.jp/j_info/visit/visa/index.html)

## Web site

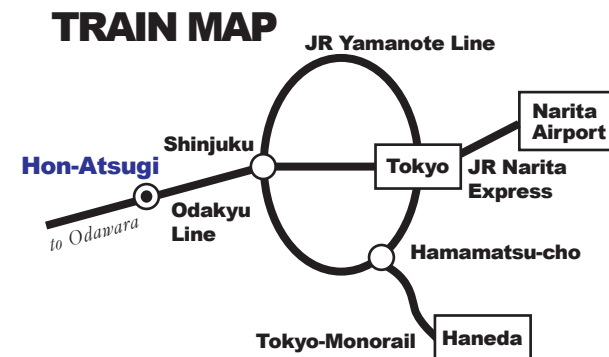
<http://www.brl.ntt.co.jp/event/ms+s2006/>

## Official language

The official language of the symposium is English. No simultaneous translation is provided.

## Travel information

Atsugi City is located 50km south-west of Tokyo. Nearest major station from NTT is Hon-Atsugi on Odakyu Line.



Accommodations can be made at hotels near Hon-Atsugi Station. Free shuttle buses between the hotels and the symposium site will be arranged. Public bus service is also available from the station. More detailed information will be given at our web site.

## Correspondence

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