

NMR Winter School 参加者募集

JASS'03－生命科学のフロンティアを切り拓く核磁気共鳴

Winter School on NMR Spectroscopy at the Frontier of Progress in the Life Sciences

主催 大阪大学蛋白質研究所・日本学術振興会
共催 国際生物物理学会・日本核磁気共鳴学会

開催期間

平成16年1月19日～平成16年1月31日 13日間
(1月30, 31日はオプションな理研横浜研究所ツアー)

開催地 (会場) 大阪大学蛋白質研究所

参加人員 (予定) 外国人 32名
日本人 12名

Winter School の詳細 下記の英文版をご覧ください。

組織委員会

阿久津秀雄 (委員長、大阪大学蛋白質研究所)
甲斐荘正恒 (東京都立大大学院理学研究科・日本核磁気共鳴学会会長代行)
横山茂之 (東京大学大学院理学研究科・理化学研究所ゲノム科学総合研究センター)
嶋田一夫 (東京大学大学院薬学研究科・産総研、生物情報解析研究センター)
白川昌宏 (横浜市立大学大学院総合理学研究科)
Girjesh Govil (インド TATA 基礎科学研究所・国際生物物理学会 NMR タスクフォース主査)

参加費 無料 (ただし、ホテル代の一部を負担していただくことがあります。)

申し込み資格 NMR 研究の経験のある若手研究者 (大学院博士後期課程学生、ポスドク、助手クラス) で日本核磁気共鳴学会会員。オプションツアーを除く全コースに参加できること。

申し込み方法 申込書をダウンロードして記入の上、日本核磁気共鳴学会事務局に電子メール (nmrsch@nmrlab.f.u-tokyo.ac.jp) で送って下さい。日本人の場合外国人と申込先が違いますのでご注意ください。

今後の情報は以下をご覧ください。

<http://www.protein.osaka-u.ac.jp/biophys/nmr-school.html>

Invitation to

JASS'03-Winter School on NMR Spectroscopy at the Frontier of Progress in the Life Sciences

Date: January 19-31, 2004

Venue: Institute for Protein Research, Osaka University, Suita, Osaka, Japan

The purpose of this winter school is to provide young Asian scientists with basic and advanced NMR methodologies in biological systems. Lectures and exercises will be conducted in English. The organizing committee will select about 40 participants from the applicants considering the information given by the application forms and the recommendation letters. All participants will receive a fellowship which covers round-trip airfare, domestic traveling expenses and lodging accommodations during the School. There is an optional tour to Yokohama NMR Park (RIKEN) from Jan 30 to 31, which costs ¥20000 (for the round trip, tentative).

Organizing committee:

H. Akutsu, G. Govil, M. Kainosho, I. Shimada, M. Shirakawa, S. Yokoyama

Sponsors:

Japan Society for the Promotion of Science (JSPS)

Institute for Protein Research, Osaka University

Supporting organizations :

International Union for Pure and Applied Biophysics, NMR Task Force

The NMR Society of Japan

List of Lecturers (not completed):

A. Bax (NIH), K. V. R. Chary (TATA Inst.)

G. Govil (TATA Inst), C. Griesinger (Max Plank Inst.)

R. G. Griffin (MIT), P. Güntert (RIKEN)

K.-H. Han (Korean Res. Inst. Biosci. Biotech.), M. Ikura (Univ. Toronto)

J. L. Markley (Univ. Wisconsin, Madison), S. J. Opella (Univ. Calif., San Diego)

H. Rutejans (Univ. Frankfurt), D. Yang (Natl. Univ. Singapore), P. Wright (Scripps)

H. Akutsu (Osaka Univ.), T. Fujiwara (Osaka Univ.)

T. Ikegami (Osaka Univ), Y. Ito (RIKEN), T. Okubo (Osaka Univ.)

M. Kainosho (Tokyo Metro. Univ.), I. Shimada (Univ. Tokyo),

M. Shirakawa (Yokohama City Univ.), K. Takegoshi (Kyoto Univ.),

S. Tate (BERI), H. Yagi (Osaka Univ.)

T. Yamazaki (RIKEN)

Program for Lectures and Exercises (tentative)

- 19 (Mon) Registration, Welcome party
- 20 (Tue) Introduction to NMR
Basic course
- 21 (Wed) Basic solid-state NMR
- 22 (Thu) NMR experiments and data analyses
- 23 (Fri) Standard methods for protein structural and functional studies
Tour to SPring-8 (Synchrotron radiation facility)
- 24 (Sat) NMR study of nucleic acids and related proteins
NMR study of structure and function of peptides
NMR study of metabonomics
- 26 (Mon) Frontier of NMR in biological systems I
- 27 (Tue) Frontier of NMR in biological systems II
- 28 (Wed) Principles for structural determination
Practical structural determination using partially oriented systems
Advances in solid-state NMR structure determination
- 29 (Thu) NMR parameters for structural and functional analysis of proteins
Protein structural determination algorithm of CYANA
Methods for interaction studies in supra-molecular systems
- 30 (Fri) Closing ceremony
Tour to Yokohama NMR Park (Optional)
- 31 (Sat) Yokohama NMR Park (Optional)

Website for the updated information <http://www.protein.osaka-u.ac.jp/biophys/nmr-school.html>

No.

Application Form 1

JASS'03 Winter School on NMR Spectroscopy at the Frontier of Progress in the Life Sciences

Family name		Given name	
Nationality	Date of Birth	Age	Sex Male Female
Present status: Graduate course student Postdoctoral fellow Institution staff member		Position:	
Institution/Affiliation			
E-mail address (required)			
Mailing address			
Home address and telephone			
Language (please mark)	Excellent	Good	Poor
English			
Japanese			
Brief curriculum vitae after graduation, including staying abroad			
Participation in the optional tour to Yokohama NMR Park at an expense of ¥20000 (round trip, tentative):			
Yes / No			

No.

Application Form 2

Research experience

Present research subject

Describe why you want to attend the NMR Winter School in relation to your research

Signature

Date

Return this form with a list of scientific publication and two letters of recommendation (separately) by e-mail.