

Scientist/Engineers and Specialist position of Solid State and Liquid NMR

On behalf of NMR core lab. of King Abdullah University of Science and Technology (KAUST), I would like to post the Scientist/Engineers and Specialist position of Solid State and Liquid NMR.

Please send inquiries to Dr. Xixiang Zang (xixiang.zhang@kaust.edu.sa) or Dr. Kazuo Yamauchi (kazuo.yamauchi@kaust.edu.sa).

Employer: King Abdullah University of Science and Technology (KAUST)

Background

Multiple NMR positions (scientist/engineer and specialist) are immediately available in the NMR core lab at King Abdullah University of Science and Technology. The NMR core lab houses several state-of-the-art Bruker (Avance III) NMR spectrometers including, 400, 600 and 900 MHz solid, 400, 500, 600, 700, and 950 MHz liquid equipped with cryogenic probes.

The candidate will be a member of a multi-disciplinary, multi-national team of NMR professionals. Good oral and written communication skills in English are required. Interested candidates, with a good background in either solution or solid state NMR spectroscopy, should email a cover letter, CV and the names of at least three references. to Dr. Xixiang Zang at xixiang.zhang@kaust.edu.sa.

Duties

Maintain state-of-the-art Bruker NMRs (950 MHz, 900 MHz 700MHz in total 10) for biological and materials applications.

- Operate and Maintain cryogenic probes.
- Provide strong support in both technical (data acquisition) and scientific (data interpretation) to KAUST users.
- Explore all the functions of state-of-the-art instruments.
- Develop and execute a calibration program for all equipment.
- As time permits, develop experimental processes and procedures to meet specific user needs.

Qualifications

A good knowledge of NMR theory and excellent technical skills, with an ability to work in a team of faculty, staff and students. Training will be made available either at KAUST or at other NMR centers.

Education

- Ph.D in science and engineering Experience
- 5-6 years experience in NMR. Experience with one or more platform-independent data processing packages is strongly desired.

Additional Notes

Candidate for NMR specialist, should have a good knowledge of NMR principle/mechanism and excellent technical skills, with an ability to work in a team of faculty, staff and students. Training will be made available either at KAUST or at other NMR centers.

Applications should be send to by e-mail

Dr. Xixiang Zang (xixiang.zhang@kaust.edu.sa)

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