



FRANCIA - RESEARCH SCIENTIST (F/M) - LARGE SCALE MAGNETIC STRUCTURES (D33) -

1 posto

Scadenza: 23 Giugno 2019

The Institut Laue-Langevin (ILL) is an international centre for scientific research situated in Grenoble, France. It is Europe's leading neutron science facility. We receive over 2000 visiting scientists per year to carry out world-class research in a wide variety of scientific fields. The Science Division currently has a vacancy for a: Research Scientist - Large scale magnetic structures (D33)

Duties: The LSS group comprises a range of instruments designed to carry out studies on the structure of matter on a scale of fractions of to thousands of nanometers. The range of science covered is broad, covering polymer and colloid science, structural biology, materials science and magnetism. Magnetic structure investigations take represent a significant percentage of scientific activities on our instruments and we strive to ensure technical and scientific leadership of our instruments dedicated to the study of nano-magnetism. Working within the LSS group in the field of polarized neutron reflectometry or small angle neutron scattering, while carrying out your own active research programme on magnetic structures in bulk systems you will be in charge of:

- co-operating the small angle scattering instrument D33, participating both in the day-to-day operation of the instrument as well as its technical development and upgrades;
- providing support to users for scientific experiments in materials science and magnetism and offering guidance with experimental design and data analysis;
- promoting scientific partnerships in large scale magnetic structures science areas by ensuring the technical and scientific leadership of D33 in magnetism studies by SANS;
- participating in the longer term development of instrumentation, sample environment and data analysis;
- conducting an independent research programme in magnetism or materials science and contributing to the scientific environment at the ILL.

D33 is a state-of-the-art high flux, monochromatic and time-of-flight (TOF) small angle scattering instrument. It has a polarized neutron option with ^3He analysis and is optimized for the study of magnetic nanostructures and superconductivity as well as soft matter systems requiring TOF-SANS.

Qualifications and experience: The successful candidate must have a Ph.D. in physics or a related subject completed with at least one period of successful postdoctoral or equivalent research and experience in neutron or x-ray scattering on magnetic systems.

We are particularly interested in highly motivated candidates with strong track record in large scale magnetic structures research and proven experience with instrumentation, aspects of polarized neutron scattering, time-of-flight methods, and data reduction frameworks. Proven dynamism in implementation of new methods and technical features on neutron instruments, good programming skills and a general interest in software development will be an asset.

The post represents an excellent opportunity for mid-career researchers to broaden their experience and interact with leading scientists from around the world. Applications from more

Per candidarsi alla singola offerta di lavoro è necessario rivolgersi ai contatti indicati. Le offerte di lavoro sono il risultato di una ricerca e filtro dell'Informagiovani.

Il responsabile dei contenuti dell'offerta è il singolo inserzionista.



experienced scientists able to obtain a secondment period from their home institution will also be considered.

Language skills: As an international research centre, we are particularly keen to ensure that we also attract applicants from outside France. You must have a sound knowledge of English and be willing to learn French (a language course will be paid for by the ILL). Knowledge of German would be an advantage.

Notes: Permanent contract. Medical fitness for work under ionising radiation is required. Further information can be obtained by contacting the Head of the LSS Group: Dr. Giovanna Fragneto tel.: +33(0)4.76.20.70.62, e-mail: fragneto@ill.eu or via www.ill.eu/lss (please do not send your application to this address).

Benefits: Generous company benefits (expatriation allowance), relocation assistance and language courses may be offered (for more information, please consult our employment conditions).

How to apply: Please submit your application on line with a list of publications and the names of 3 references, including one from your present work place, no later than 23.06.2019, via our website: www.ill.eu/careers (Vacancy reference: 19/27) and CC eures@regione.piemonte.it The interviews will take place on Tuesday 9 July and Thursday 11 July 2019.

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Annuncio n° 7556

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FOUNDRY MANAGER

1 posto

Scadenza: 31 Agosto 2019

Dania is a modern foundry with own machine shop in Poland and they supply leading customers within the segments Hydraulics, Commercial Vehicles and Machine Components. Approximately 70% of sales is export. Dania is part of the global MAT group with foundries in America, Europe and China. The company has a very efficient production set up based upon two vertical DISA lines as well as a horizontal HWS line. Dania offer a wide range of material qualities in grey as well as ductile iron. The company believes in good customer service and appreciate commitment, cooperation and good skills. Around 430 employees in Poland and Denmark contribute to the results and the important continuous improvement to facilitate growth and our market position. For further information visit **<https://matdania.com/>**

Duties: As a Foundry Manager you will be overall responsible for the Core department, Furnaces, two DISA lines and Wagner SINTO Horizontal line. You will have a central position and work within the areas; material qualities, melting process, casting process in cooperation with skilled colleagues, suppliers and cooperation partners.

With your line managers you have to focus on systematic continuous improvements in efficiency, scrap development from the lines. Further you ensure improvement of the products, processes, systems, procedures and instructions.

We expect, that you:

- Have an education and work experience as foundry engineer or metallurgist or has acquired similar proficiency via job experience;
- As a minimum have good command of English in speaking and writing;
- Will move your permanent residence to Aars, Nordjylland area;
- Can work independently and show initiative.

We offer:

- An interesting and challenging job with high responsibility;
- Co-operation with competent colleagues in an informal environment;
- Good opportunities to influence your daily work and with freedom under responsibility;
- A thorough introduction and training.

Practical information : For more information about the position you are welcome to contact CEO Jorn Krogager on mobile phone +45 4040 6460 or e-mail jkr@danias-as.dk.

The position is to occupation as soon as possible.

How to apply: Please send your application and CV in English to Rikke Mogensen: rim@workindenmark.dk and c/c eures@agenziapiemontelavoro.it and eures@regione.piemonte.it

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Annuncio n° 7552

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