

For the institute **Advanced Nuclear Systems**, expert group **Reactor Modelling and Safety**, we are looking for a *scientific collaborator (m/f)*.

Job description:

- Carry out burn-up calculations: use the appropriate codes to make calculations for the different projects (MYRRHA, EUROTRANS, ELSY, GUINEVERE, ...);
- manage the code for the ALEPH project and support the current external clients;
- carry out general neutron calculations for internal support and external contracts.

Required qualifications:

- Diploma of master in engineering science (civil engineer) in the field of physics, or a diploma of master in engineering science (civil engineer) with an additional diploma of master in nuclear engineering;
- diploma of doctor in exact or applied sciences in the field of reactor physics or nuclear physics is a plus;
- at least 3 years experience with neutron calculations;
- good knowledge of neutron calculation codes like MCNP(X), DORT/TORT, SCALE and the codes ORIGEN and NJOY;
- be interested in the reactor design process in general;
- some experience with presentations at international conferences is desirable;
- have a good team spirit and social skills;
- knowledge of general informatics applications;
- appropriate knowledge of Dutch, French and English.

Duration: indefinite.

Send your application letter and detailed curriculum vitae with reference *NN 2008-008 before March 21st, 2008* to:

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