



UNIVERSITY OF NOVA GORICA

Vipavska cesta 13, 5000 Nova Gorica, Slovenia

The University of Nova Gorica is seeking to fill posts of :

ASSISTANT PROFESSOR or POSTDOC in the field of COMPUTATIONAL MECHANICS

The Laboratory for Multiphase Processes at University of Nova Gorica (see <http://www.ung.si/en/>) is a postdoc to work on computational mechanics with coupled fluids and solids. Postdoc will work with other members of the research team (see publications of the team http://sabotin.ung.si/~sarler/sarler_papers/) on:

- 1) Develop, code and test novel physical models,
- 2) Further develop meshless methods,
- 3) Apply this models in coupled fluid and solid mechanics problems, etc.

It is expected that the applicant:

- has a Ph.D. in the field of Physics, Mathematics, Mechanical or Materials Engineering.

The candidates are expected to perform also related teaching activities.

Required Skills:

Solid numerical methods and computer coding experience; knowledge of thermodynamics, solid and fluid mechanics; good communication and presentation skills.

Desired Skills:

Experience in coding with FORTRAN or C++ and MATLAB.

The positions will start as soon as possible in 2014. Annual salary will be competitively offered based on the level and experience of the applicant, and will include full employee benefits. Appointment will be made for one year, with possibility to be prolonged after positive evaluation.

Location:

The position is on campus of University of Nova Gorica in Ajdovščina, Slovenia (see <http://en.wikipedia.org/wiki/Ajdovščina>). Ajdovščina has a beautiful landscape and is situated about an hour drive from capital of Slovenia, Ljubljana, few minutes drive from world wonder of Postojna cave (see http://www.postojnska-jama.eu/en/?setLocale=en_US), and two hours drive from Venice (see <http://en.wikipedia.org/wiki/Venice>).

The application should include:

- cover letter,
- CV including contact details,
- list of relevant publications,
- two references, as recommendations will be sought.

The deadline for the receipt of applications is **April 21, 2014**.

Interested applicants please submit electronic application to Professor Bozidar Sarler (bozidar.sarler@ung.si) or to Tea Stibilj Nemeč (tea.stibilj.nemec@ung.si), Univerza v Novi Gorici, Vipavska cesta 13, 5000 Nova Gorica, Slovenia.