



**NATIONAL CENTER FOR PHYSICAL SCIENCES “DEMOKRITOS”  
INSTITUTE OF PHYSICAL CHEMISTRY  
MOLECULAR THERMODYNAMICS AND MODELING OF MATERIALS  
LABORATORY  
AGHIA PARASKEVI ATTIKIS, GREECE**

**Software developer position available**

The Molecular Thermodynamics and Modeling of Materials Laboratory (MMML) of NCSR “Demokritos” in Aghia Paraskevi, Greece has a position for a software developer available effective immediately. MMML collaborates closely with a small highly innovative software company dedicated to computational chemistry and chemical engineering software development, validation and support. Collaboration of the two institutions refer to the effective implementation of thermodynamic models developed by MMML into the software environment developed by the company.

An ideal candidate is expected to have:

- An advanced degree (preferably PhD) in Chemical Engineering, Physics or Physical Chemistry with emphasis to molecular thermodynamics, molecular simulation or similar,
- Excellent programming skills in Fortran or C / C++,
- A proven track record of successfully delivering complex software development projects,
- Strong cross-platform development skills (Linux, Windows) using modern toolkits (C++, Qt, Python). Appreciation for open-source development tools is a plus.

The position is based in “Demokritos” campus in Aghia Paraskevi, Athens, Greece but extensive collaboration will exist with company software developers located in Athens, Paris and Munich. More information concerning MMML activities can be found at:  
<http://mmml.chem.demokritos.gr>

The position is available immediately, for a starting period of 6 months, and is renewable.

Interested candidates should contact the MMML Director at: Dr. Ioannis Economou, [economou@chem.demokritos.gr](mailto:economou@chem.demokritos.gr). Detailed CV with a list of publications, past experience and 3 names for reference are required.