

Steps in accessing the data for the NEA T-Junction Benchmark

A synthesis of benchmark results is to be carried out by John H. Mahaffy, formerly of Penn State University (PSU) and now at the US NRC. The first (blind) benchmark calculations were performed before experimental data was made available. These results were reported at the CFD4NRS-3 workshop (<http://www.oecd-nea.org/nsd/csni/cfd/index.html>)

A follow-up of the benchmark exercise is supported by the OECD/NEA and John H. Mahaffy. The experimental data are made available for comparison to improved CFD-calculations. Please follow the instruction to register for access.

Create a “Penn State Account”

1. Go to <https://fps.psu.edu>. If the site is down for maintenance, try again later.
2. Click on the box [Create an Account](#)
3. Fill in the simple application form. In addition to your name, address and phone/fax numbers, you will be asked to specify a password and to verify it. Do not forget it.
4. On completion, the system will send a message, giving you your [digital ID](#) number.
5. Send an email to John Mahaffy (mahaffy@psu.edu) with your digital ID, so that you can be added to the T-Junction Benchmark group.
6. Wait for a reply by John Mahaffy (per email) before proceeding to the next step.

Access the Benchmark Files

1. Go to <https://cms.psu.edu>
2. In the [Log On](#) box, select “Friends of Penn State Account” from the drop-down menu
3. Click the [Log On](#) button
4. Fill in your [digital ID](#) and [password](#). Log into your account.
5. This will bring you to the [ANGEL](#) main page. Under [My Groups](#), click on [NEA T-Junction Benchmark](#)