

# Pre-workshop activities: be ready for the hands-on session



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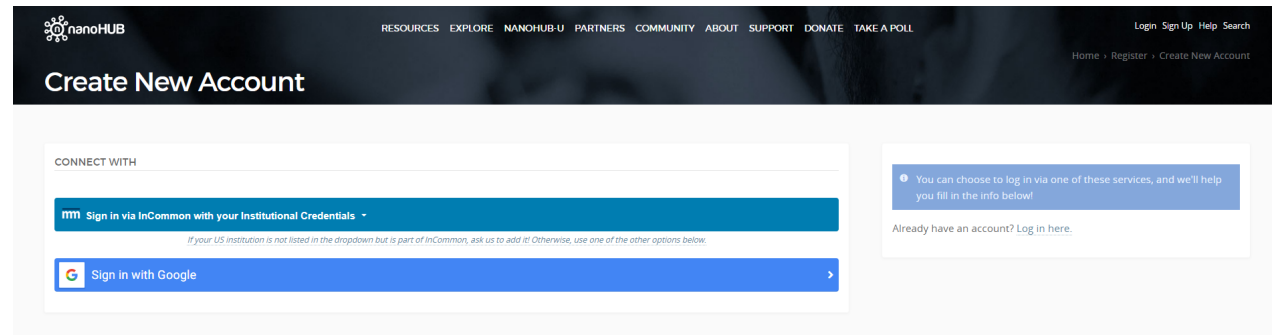
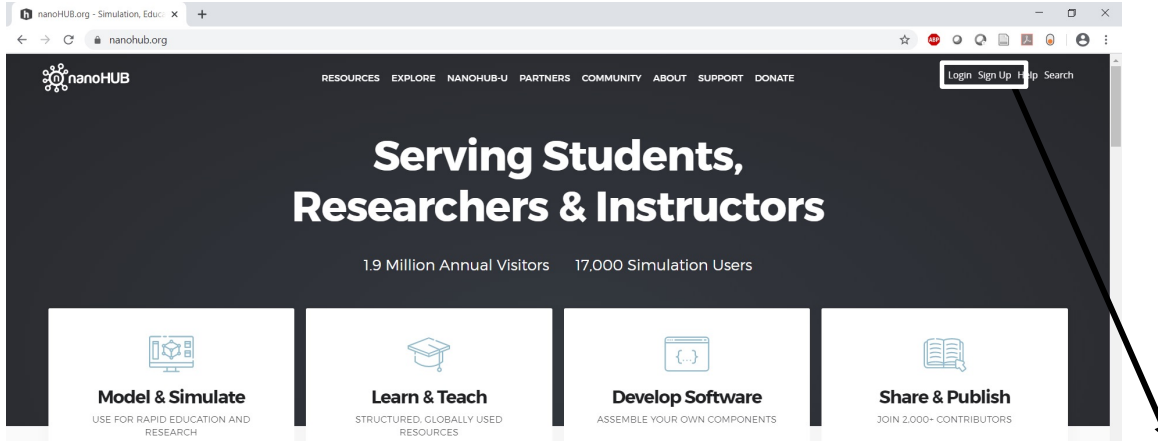
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# STEP 1: Signing up for a nanoHUB account



# STEP 2: join the Thermo-Calc Educational Version group in nanoHUB for access to software and Q&A

<https://nanohub.org/groups/tcademic>

**Request membership**

**Thermo-Calc Software**

Request Group Membership

Overview

Thermo-Calc Workshops

- Abstracts
- Members
- Forum
- Resources
- Wish List

Overview

alloys ICME Materials Genome Initiative (MGI) materials science metals thermodynamics

Joining this group will give you free access to the Educational version of the Thermo-Calc software for online simulations in nanoHUB. For more information please visit: <https://thermocalc.com/academia/free-academic-package/>. The online tool is available at <https://nanohub.org/tools/tcademic/>.

**Thermo-Calc User agreement:**

- By requesting membership, you agree to Thermo-Calc's End User License Agreement, found here: [https://thermocalc.com/content/uploads/Documentation/Terms\\_Conditions/eula.pdf](https://thermocalc.com/content/uploads/Documentation/Terms_Conditions/eula.pdf)
- The information you provide will be used in accordance with the terms of Thermo-Calc Software's Privacy Policy found here: <https://thermocalc.com/privacy-policy/>
- You agree to the privacy policy agreement and understand that you may opt-out of receiving emails from Thermo-Calc Software at any time using the unsubscribe link provided in Thermo-Calc Software emails.
- You agree to share your email with Thermo-Calc.

**Steps to request group membership and access to the software**

- Ensure that your nanoHUB profile is public. Instructions for setting up your profile: <https://nanohub.org/kb/registration/how-do-i-make-my-user-profile-publicprivate>
- Include both your organization and organization/position type in your nanoHUB profile, and set their visibility to be public.

If you see a closed lock for a required field,  , click the lock or edit link to change it's status.

When successful, the lock will be removed:

# STEP 3: Make sure you can launch the tool

From your browser go to link: <https://nanohub.org/tools/tcadademic>

The screenshot shows the 'Thermo-Calc Educational Version' group page on nanoHUB. The page header includes the group name, breadcrumb navigation (Home > Groups > Thermo-Calc Educational Version), and metadata: 'DISCOVERABILITY: VISIBLE', 'JOIN POLICY: RESTRICTED', and 'CREATED: 03 MAR 2021'. The left sidebar contains a 'Group Manager' dropdown and a navigation menu with 'Overview' (selected), 'Thermo-Calc Workshops', 'Abstracts', 'Members' (454), 'Forum', 'Resources', and 'Wish List'. The main content area features an 'Overview' section with a breadcrumb trail: 'alloys < ICME < Materials Genome Initiative (MGI) < materials science < metals < thermodynamics'. A black arrow points to the 'materials science' link. Below this is a paragraph explaining that joining the group provides free access to the educational version of Thermo-Calc software for simulations in nanoHUB, with a link to the academic package: [https://nanohub.org/tools/tcademic/](https://nanohub.org/tools/tcadademic/). The 'Thermo-Calc User agreement' section lists three terms: 1) agreement to the End User License Agreement (EULA) at [https://thermocalc.com/content/uploads/Documentation/Terms\\_Conditions/eula.pdf](https://thermocalc.com/content/uploads/Documentation/Terms_Conditions/eula.pdf); 2) agreement to the Privacy Policy at <https://thermocalc.com/privacy-policy/>; and 3) agreement to share email with Thermo-Calc. The 'Steps to request group membership and access to the software' section includes two instructions: 1) Ensure the nanoHUB profile is public, with a link to <https://nanohub.org/job/registration/how-do-i-make-my-user-profile-public/private>; 2) Include both organization and organization/position type in the profile, and set visibility to public. A dropdown menu is shown with options 'Organization' and 'Organization / Position Type'. A note states: 'If you see a closed lock for a required field, click the lock or edit link to change it's status.' Below the dropdown, it says 'When successful, the lock will be removed'.

# Make sure you can launch the tool

From your browser go to link: <https://nanohub.org/tools/tcadademic>

The screenshot shows the nanoHUB website interface for the Thermo-Calc Educational Package. At the top, the nanoHUB logo and navigation menu are visible. The main heading is "Thermo-Calc Educational Package". Below this, the authors are listed as Paul Mason and Alejandro Strachan. The tool is identified as "Thermo-Calc Educational Package" by "Thermo-Calc Software Inc". A prominent blue button labeled "Launch Tool" is positioned on the right side. Below the button, the version "Version 1.0 - published on 23 Mar 2021" and the DOI "doi:10.21981/1K1D-6V60" are displayed. A note states "This tool is closed source." and a link for "View All Supporting Documents" is provided. A horizontal menu below the main content includes tabs for "About", "Usage", "Citations", "Questions", "Reviews", "Wishlist", "Versions", "Supporting Docs", and "Usage (New)". The "Usage" tab is currently selected. On the right side of the page, the text "Click on Launch Tool to begin" is overlaid with a black arrow pointing to the "Launch Tool" button. At the bottom of the page, the category "Tools" and the publication date "23 Mar 2021" are shown. An abstract section at the bottom contains an access note: "Access: To obtain access to this tool, please request membership to the Thermo-Calc academic group."

Click on Launch Tool to begin

# Go to the forum for Q&A during and after the session

The screenshot displays the nanoHUB interface for the Thermo-Calc Educational Version. The top navigation bar includes links for RESOURCES, EXPLORE, NANOHUB-U, PARTNERS, COMMUNITY, ABOUT, SUPPORT, DONATE, and TAKE A POLL. The user is logged in, and the page title is 'Thermo-Calc Educational Version'. The main content area shows a search bar and a list of categories under 'GENERAL THERMO-CALC DISCUSSIONS'. The 'General Q&A Area' category is highlighted, showing 0 Discussions and 0 Posts. Below this, the 'FALL 2021' section is visible, with a sub-category '12.15.21 - Integrated Computational Materials Engineering in the Classroom' also showing 0 Discussions and 0 Posts. A sidebar on the left contains a 'Group Manager' dropdown and navigation options: Overview, Thermo-Calc Workshops, Abstracts, Members (454), Forum, Resources, and Wish List. A red arrow points to the 'Forum' option. On the right, there are sections for 'Statistics' (Categories: 2, Discussions: 0, Posts: 0), 'Email Settings' (with an unchecked 'Email forum posts' checkbox and a 'Save' button), and 'Last Post' (none).

Go to the forum for Q&A

