

euspen talent programme

“The LEGO Challenge at CERN”

The euspen Talent Programme will bring together Europe’s top students studying engineering disciplines that meet the demands of precision engineering.

Do you have a talent for problem solving, time management and team building? Could you share your skills, knowledge and experience at our international conference in CERN in May/June 2022? Up to five applicants from each European country will be selected and placed into a multi-disciplinary international team.

Stage 1: each team will be asked to develop a solution to our ‘virtual challenge’.

The challenge for 2022 is to develop sustainable and affordable alignment solutions for LEGO in its evaluation of PBF (powder bed fusion) precision and accuracy. The developed solution will be also of interest for CERN for the alignment of its next generation accelerator.

Stage 2: the top three teams from the “virtual challenge” will be invited to attend CERN metrology labs to develop their virtual challenge solution into reality. A bursary will be awarded to contribute towards travel, accommodation and subsistence. A euspen scholarship will also be awarded to provide complementary access to our 2022 International Conference and Exhibition.

Stage 3: each team is expected to present their final solution in a short video at euspen’s international conference and exhibition on precision engineering and nanotechnology. Moreover, the students from the top three teams will have the great opportunity to participate in the HR talent forum organized during the International Conference and Exhibition. .

What do I do?

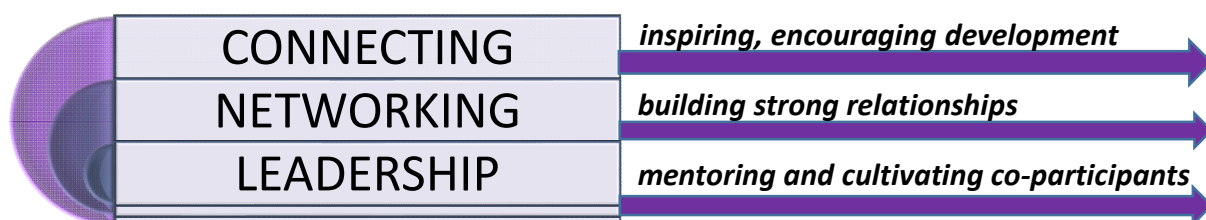


- Email your national heat organiser² and register your interest
- Enclose your CV based on the EU-template with particular attention to:
A **personal** motivational statement indicating: how will I benefit from participation in the event and how will my participation benefit the event?
- A statement from your supervisor or professor, supporting your entry

Who can enter?

- MSc and PhD students from across Europe
- Students studying within the disciplines of **engineering, science or mathematics**
- Individuals who have not previously participated in the final of euspen Talent Programme or euspen Challenge final
- Must be student member³ of euspen

Closing date to receive applications: Monday 28th February 2022



¹ Full details of the bursary can be found at <https://www.euspen.eu/talent-programme/>

² National heat organiser details can be found at <https://www.euspen.eu/talent-programme/>

³ Student membership is free. Email info@euspen.eu