

SGVC Industry Award

The SGVC Industry Award is presented to a team or an individual for outstanding work in the field of chemical engineering or process technology in the industry, especially in the Biotech, Chemical, Greentech and Pharmaceutical Industry.

The prize is CHF 10,000 for individuals or CHF 20,000 for groups.

Contributions on the following topics will be assessed by the corresponding working parties:

Plant Engineering and Construction (Anlagenbau):

1. Process Design and Optimization
2. Process Systems Engineering
3. Process Safety
4. Improved Materials minimizing abrasion or corrosion

Automation:

1. Digital Twins of process units
2. Process Optimization with Dynamic Process Simulation
3. Industry 4.0, Data Science
4. Industrial Process Measurement and Control

Training and education (Ausbildung):

1. New concepts of teaching / remote learning, education and training
2. Improvement of attractiveness of Chemical and Process Engineering as a profession for female students / new concepts in industrial HR

Energy (Energie):

1. Process Engineering of pioneer projects with relevant contribution to Circular Economy or Sustainability
2. Process Engineering of pioneer projects with relevant contribution to realization of Swiss Energy Strategy 2050

Reaction Engineering (Reaktionstechnik):

1. New Equipment for new Unit Operations
2. Pioneer projects with relevant impact on Sustainability, Circular Economy, green Chemical Engineering topics
3. Continuous Manufacturing

Process Engineering (Verfahrenstechnik):

1. Process design and optimization of new and existing processes and unit operations
e.g. model-based scale-up
2. Process Systems Engineering, Plant wide optimization of material flow
3. Process Analytical Technology (PAT)
4. New processes or technologies replacing old ones with relevant reduction of emissions

The work must have been carried out in Switzerland or abroad by a team including at least one Swiss national. The award may be presented to an individual – Swiss or foreign national – if the work was carried out in Switzerland. The award may be presented to an individual for work carried out abroad if the person is Swiss.

Tenured professors will not be considered for the award as individuals. In the case of foreign teams, the Swiss member must have made a substantial contribution to the work. There is no age or gender restriction.

Work which has already been nominated in other Swiss contests or whose realization is older than 10 years will not be considered.

The prize is planned to be awarded every 2nd year out of the nominations in these 24 months.

Nominations are invited from companies, organizations and individuals. Self-nominations are admitted.

A nomination must include:

1. Brief curriculum vitae/s (max 2 pages/person)
2. Detailed description of the work including publications if available (max 20 pages)
3. Nomination letter / seconding letters

The documents (language E/D/F) listed under 1-3 should be sent electronically as a single pdf file to the SGVC office (mlr.office@intergga.ch) (e.g. nominee name-SGVC industry award.pdf). Seconding letters should also be submitted electronically.

The deadline for all documents to reach the SGVC is annually September 30.

Intellectual property of all nominations will be secured by a unilateral NDA between nominee(s) and the SGVC. The NDA is based on a SGVC template and will limit a potential damage claim of the nominee(s) to CHF 1'000.-. With the submission, the nominees accept to agree with the SGVC rules of contest.

A nomination board will evaluate the nomination and will chose the winner after signature of the NDA until the end of the actual application period. The nomination board will not inform nominee(s) about details of the evaluation process but will inform all nominee(s) about the result of the evaluation. SGVC has the right for what reasons ever, to shorten, prolong or change to process of evaluation. SGVC will inform the nominees about such changes, nominees have no right for claiming.

Rheinfelden, 24th of June 2021

Dr. Andreas Schreiner
President