

Call for proposals

# “Best Thesis Award 2025 – Power Engineering Transmission”



SWISSMEM | Power Engineering Transmission industry sector

Are you writing a thesis at a university of applied sciences in the field of power engineering transmission?

Then you can put your bachelor's or master's thesis forward for the **“Best Thesis Award 2025 – Power Engineering Transmission”!**

The Swissmem Environmental Engineering Industry Sector awards the “Best Thesis Award” for outstanding Bachelor's or Master's theses related to the field of “power engineering transmission”.

The Award comes with prize money of **CHF 3,000** (1st prize), **CHF 2,000** (2nd prize) and **CHF 1,000** (3rd prize).

The call for proposals is aimed at future graduates of universities/federal institutes of technology and universities of applied sciences who will be submitting their written thesis in this calendar year and before the submission deadline.

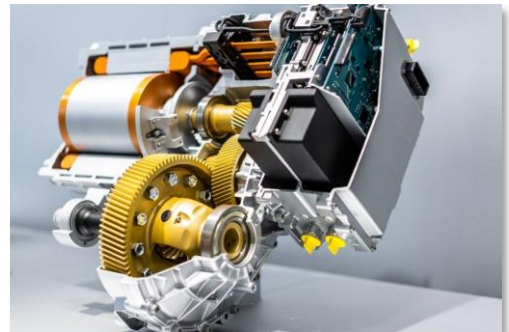
Closing date for applications: **8 August 2025**  
Submission deadline: **12 September 2025** (on approval)

**Innovation should be rewarded!**  
**Be a part of the “Best Thesis Award – Power Engineering Transmission”!**

Swissmem's Power Engineering Transmission industry sector looks forward to your application and wishes you every success with your thesis!

André Thuswaldner  
President – SIS-ATT

Michael Koller  
Group Head – SIS-ATT



**WE WANT YOU!**



## Registration and information

**Registration** By **Friday 8 August 2025 latest**  
to: [antriebstechnik@swissmem.ch](mailto:antriebstechnik@swissmem.ch)

**Information**

- Subject of thesis
- Abstract/description (*in English*)
- Relevance to power engineering transmission
- Name of university of applied sciences/university & department
- Supervisor's details (*incl. form of address & title*)
- Applicant's details: First name, last name/private e-mail / tel.\*

*\* all participating degree candidates  
(multiple responses in the case of group work)*

## Expert panel

The expert panel consists of industry representatives drawn from the members of Swissmem's Power Engineering Transmission industry sector.

- Dr Martin Stöckli, COO, Inspire AG
- Dr Rudolf Tanner, Managing Director, Mechmine LLC
- Reto Crestas, Managing Director, Sauter, Bachmann AG



SWISSMEM

Antriebstechnik

# “Best Thesis Award 2025 – Power Engineering Transmission”

Swissmem Power Engineering Transmission industry sector

## Application Admissibility / topics

<b>Admissible</b>	<ul style="list-style-type: none"><li>- Bachelor's or master's thesis</li><li>- Implementation period: <b>01.09.2024 – 31.08.2025</b></li><li>- Concisely demonstrate reference to power engineering transmission</li></ul>
<b>Topics</b>	<ul style="list-style-type: none"><li>- Mechanical drive technology</li><li>- Electric drive technology</li><li>- Condition monitoring</li><li>- Software solutions/simulation</li></ul>

Once an application is approved, an NDA (*non-disclosure agreement*) will be concluded between the expert panel and the participants/institution.

## Thesis evaluation Criteria & weighting

1. Creativity of implementation, development of solutions
2. Potential for industrialization (*link between theory and practice*)
3. Scientific content, derivations, quality of research/sources, own contribution
4. Quality of written work submitted, succinctness, explanation of complex issues
5. Final grade for thesis

Criterion 1: double weighting

Criterion 5: half weighting

Criterion 2/3/4: one single weighting

## Disclaimer

All documentation submitted will be treated confidentially. The brief presentation will be made available to the members and other interested parties.

At no point is the expert panel obliged to give reasons for its decisions on admissibility and evaluation of theses.

The panel's decision is final.

Audio, image and video recordings will be made during the event. These will be processed, stored and publicly disseminated.

## Submission of thesis (*on approval*) Documents in G/F/I or E

<b>Submission</b>	By <b>Friday 12 September 2025 latest</b> to: <a href="mailto:antriebstechnik@swissmem.ch">antriebstechnik@swissmem.ch</a>
<b>Documents</b>	<ul style="list-style-type: none"><li>- Degree student's CV</li><li>- Evaluation documents and final grade incl. signature of responsible supervisor</li><li>- Complete thesis report in PDF format</li><li>- Video presentation of the thesis (<i>max. 5 minutes</i>)</li><li>- PPT presentation (<i>max. 5 min</i>)*</li></ul>

\* the finalists will give a presentation on their submitted project in the course of the award ceremony. Presentations **may not** contain any content which is subject to confidentiality requirements!

## Award / ceremony order of events

The “Best Thesis Award – Power Engineering Transmission” award ceremony will be held on **30 Octobre 2025** in the course of the Swissmem Power Engineering Transmission industry sector group meeting.

All participants and supervisors will be invited to this event. The finalists will give a short presentation on their theses to the event attendees (*max. 5 min*).

## Organizer

**Swissmem Power Engineering Transmission industry sector**

Michael Koller / Secretary General  
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[Power Engineering Transmission - Swissmem](#)

In case of queries or uncertainties, please contact the Group Head, Michael Koller, or sector President André Thuswaldner, [thuswaldner@novagear.ch](mailto:thuswaldner@novagear.ch) or tel. +41 44 445 12 24.