



Annual Report

July 1st, 2021 - June 30th, 2022

Background

The aim of the Scandinavian Academy of Industrial Engineering and Management (ScAIEM) is to strengthen academic education and research within the field of Industrial Engineering and Management (IEM) in Denmark, Finland, Iceland, Norway, and Sweden.

ScAIEM was founded in Linköping, November 28, 2012. Based on the experience from earlier Swedish national conferences, there was a strong consensus about the need for an organized professional community for scholars working within the fields of industrial engineering, technology management, business creation, etc. at the faculties of engineering in the Nordic countries.

Activities of 2021-2022

ScAIEM is organizing all major Nordic departments within the IEM-field; today 26 departments in total, representing more than approximately 650 faculty and PhD students in the five Nordic countries. During the fiscal year, the ScAIEM community has maintained its activities, despite Covid 19 pandemic continuing during the Winter 2021-22. One effect was that the annual conference 2021 was organized on-line by the Technical University of Denmark (DTU) for the second year in a row. Due to this exceptional situation where DTU organized two sequential conferences, the board decided to make an exception and financially support the overhead costs of the conference 2021.

ScAIEM constitutes today a network, representing our own professional expertise and identity. It has matured from its early, formative years and has now established a well-functioning form. The annual ScAIEM conference has evolved into an institution and is a key event during the academic year. There are furthermore increasing informal contacts and knowledge sharing between the ScAIEM members. In addition to the already established activities, the following three initiatives are especially worth mentioning for this fiscal year:

- 1) The first call for funding for Nordic PhD Courses in IEM.
- 2) The publishing of ScAIEM Conference Handbook.
- 3) The updated mapping of educational programs within IEM in the Nordic countries.

Thus, during the academic year of 2021-22, the board of SCAIEM has continued our academic networking activities, now comprising the following:

- *The SCAIEM Annual Conference*
- *The SCAIEM homepage*
- *The Young Scholars of SCAIEM network*
- *The Head of Department Summit*
- *The PhD Candidate Workshop*
- *The IEM Program Director Council*
- *The Head of Doctoral Education Council*
- *The SCAIEM Doctoral Thesis Award*
- *The Seed Money Grant for Nordic IEM Collaboration*
- *The SCAIEM Call for Nordic PhD Courses in IEM*

Thus, at the age of ten, SCAIEM has evolved into a state of maturity with number of thriving arenas and activities. However, one of our most significant challenges is still to find ways to reach out with information to all the scholars of our institutional members. In addition, the board welcomes all ideas of initiatives that can further strengthen our professional community.

Governance

Board

The SCAIEM board has had the following members since the Annual Meeting, November 2020:

- Mats Engwall,
KTH Royal Institute of Technology (chairperson), elected to the annual meeting 2023
- Christine Ipsen,
Technical University of Denmark, (vice chairperson, secretary), elected to the annual meeting 2022
- Janne Huiskonen,
Lappeenranta-Lahti University of Technology LUT (treasurer), elected to the annual meeting 2023
- Eskil Sönju Le Buyn (Goldeng) (Communication),
University of South-Eastern Norway (external communication), elected to the annual meeting 2022
- Miia Martinsuo,
Tampere University (PhD Education), elected to the annual meeting 2022
- Lucia Crevani,
Mälardalen University (PhD thesis award), elected to the annual meeting 2022
- Hanne Finnestrand
Norwegian University of Science and Technology (seed money grant), elected to 2023
- Marvin Schliemann,
Uppsala University (PhD student representative), elected to the annual meeting 2022.

The board has had seven regular board meetings during the fiscal year of 2021-2022 of which all were mainly held online, and an additional two meetings specifically related to the SCAIEM conference and awards decisions. The majority of the meetings the last year have been online

conference calls (January 25th, March 16th, May 18th, June 26th, August 22rd (hybrid: Uppsala and online), September 28th, October 6 and 26, 2022. g.

In contrast to the previous years, with national COVID-19 lockdowns, the board has had a strong wish to host a classic onsite conference in 2022. Minutes have been taken at all board meetings and are available to all board members.

Administration

ScAIEM has its administrative basis at Institute of Management of Innovation and Technology (IMIT), situated in Gothenburg, Sweden. IMIT is a Swedish, non-profit foundation with the aim to pursue and promote research and development, as well as education, in technological and industrial renewal and management (www.IMIT.se).

IMIT hosts the ScAIEM website and supports with invoicing, accounting, and financial reports, as well as general competence and administrative resources. In addition, IMIT has sponsored the major dinner at the INDEK and ScAIEM-conferences, since the start in 2009.

Invoices to ScAIEM should be addressed:

Stiftelsen IMIT
Project: ScAIEM
41296 GÖTEBORG

All common documents and files of ScAIEM are archived at a ScAIEM Google drive site.

Marketing and External Communication

Home Page

The ScAIEM homepage (www.scaiem.org) went through a major update in the academic year 2016-17 and is updated regularly with posts from members about vacant jobs, and PhD courses. The website dedicated to the IEM educations is linked as one of the menu items at the top. The design of the page has been somewhat outdated and needs reorganizing. The development of the webpage has been incremental the past year, only smaller changes have been implemented. The backend solution/admin tool of the current site is not optimal, but the flexibility is ok.

ScAIEM is in control of the following web-domains: *scaiem.se*, *scaiem.dk*, *scaiem.fi*, and *scaiem.no*. The web-domain *scaiem.se* is redirected to *scaiem.org*.

Social Media

A Facebook group was created at the 2016 conference. As of November 2021, the page has 251 likes and 260 followers. Among our followers we have 43.5% women, and 64% from Sweden. In addition to the natural geographical domain of our community, we also have followers from France, Italy, Mexico, Germany, Serbia, and UK. Approximately 14% of our followers are from Stockholm.

Usually, between 80 and 200 persons are reached through a typical post, but during the conferences the numbers are typically much higher. The posts from the conference at KTH in Stockholm (so far, the last one IRL) reached between 500 and 2,100 persons. During the last months the post with the lowest numbers of reached persons was 97 and the highest was 161.

Please visit, like, and follow at <https://www.facebook.com/scaiem>, and develop and keep in touch with the IEM-community by posting any discussion topic or event that you feel is relevant.

Google

As a part of our efforts to keep our academic community updated about our activities and ease the administration of our network, we have migrated to Google. By using the services from Google, we can maintain the GDPR validated register of emails used to contact all our members, we can keep a shared/public calendar updated which we also plan to embed on the new homepage), and we have space for an extensive archive of documents, pictures and other digital material available for the board.

An email archive is maintained on our Google account, where all the emails associated with ScAIEM's activities can be accessed for the current and future boards. Currently, 522 email addresses are registered in the system, and are used for getting in touch with the members of our community. The number of emails can also be viewed as a proxy for the interest in our community; they are not evenly distributed across institutions (KTH is the largest), but the average is approximately 20 per institution. The main purpose of the register is to reach our members with information about our most important activities, like the conference, the PhD dissertation award, and the seed money for collaboration among our member institutions.

The Google account of ScAIEM is protected with a two-step verification, meaning that anyone who wants access to the account needs both the password of the account, and login information that is sent by sms to a dedicated phone upon request.

ScAIEM own four functional email addresses:

- president@scaiem.org
- treasurer@scaiem.org
- secretary@scaiem.org
- info@scaiem.org

The name of the ScAIEM Google account is scaiem.info@gmail.com.

Announcements about PhD courses and vacant positions on the webpage are free for all members. The announcements can also be posted on our Facebook page for free.

Membership

ScAIEM have 26 institutional members. During the year, Reykjavik University has decided to join ScAIEM again. All leading IEM institutions in the Nordic region are members. However, there are still a small number of institutions, especially in Sweden, that remain to be recruited.

- Denmark: 3 institutional members.
- Finland: 5 institutional members.
- Norway: 3 institutional members.
- Sweden: 13 institutional members.
- Iceland: 2 institutional members.

The SCAIEM Annual Conference 2021

The ninth annual SCAIEM Conference was again organized by the Department of Management (DTU MAN) at DTU – Technical University of Denmark, Lyngby, Denmark. The conference lasted two days, November 18th-19th, 2021. Due to the COVID-19 pandemic, the conference was for the second time converted to an online conference. The theme was “*The Future of Work*”, addressing the changes in how work is organized and managed due to the pandemic related changes of work, the very nature of our field of research and education. For the conference, 134 participants registered from all five Nordic countries.

With a program lasting two days, the SCAIEM PhD Workshop was again held on the first day. 15 PhD students during the day, discussing their papers and providing feedback to move the work forward.

On the morning of the 18th, meetings were also organized with the Head of Departments Summit, the IEM Program Director Council, and the Head of Doctoral Education Council. The “Meet the SCAIEM Editors” session was held with editors of the SCAIEM community, representing international scientific journals of our field, in the afternoon of the first day. Participants were invited to join via the online platform Gather.town.

On the second day, the conference program encompassed two keynote addresses with invited speakers from academia and industry, followed by seven sessions in three parallel streams and four in the afternoon convened by the participants under the themes of Teaching, Research, and Young Scholars. During the General Assembly, the winners of the PhD Award and SCAIEM Seed Money were announced, followed by a presentation of the research conducted in the winning PhD project.

In 2021 no social program was organized due to COVID-19 restrictions and with all participants meeting online, the costs were significantly reduced. The total cost of organizing the conference was approximately SEK 23.800 covering a student assistant and the license to host the “Meet the Editors” on Gather.town. Planning and administrative work etc. was financed “in-kind” by DTU Management, the organizing department. Due to the special circumstances, the organizers received some financial support from SCAIEM as well.

The Young Scholars of SCAIEM

The Young Scholars of SCAIEM aims to enhance professional exchange between young scholars (e.g., PhD students, post-docs, and other junior researchers) in the Nordic countries in the field of Industrial Engineering and Management. Young Scholars of SCAIEM started to take its shape after the SCAIEM conference 2017, in which its agenda was officially introduced.

During the academic year of 2021-2022 the activities of the Young Scholars of SCAIEM were organized by the PhD student representative in the SCAIEM board and volunteering Young Scholars.

Spring workshop for Young Scholars of SCAIEM

The 6th Young Scholars of SCAIEM Workshop was organized on May 9th, 2022, on campus at Uppsala University, Uppsala, Sweden. The aim of the event was to invite young scholars to participate in a workshop to present their research, receive feedback, review work of others and expand their professional network. We received 13 submissions to participate in the workshop and the total amount of participants was 13. Eight of the participants additionally participated

with a full paper manuscript or research proposal to conduct and receive a friendly review. The workshop started with a two-hour keynote and open discussion on publishing scientific articles in the field of industrial engineering and management, led by two professors and one associate professor in industrial engineering and management from Uppsala University. Subsequently, the participants were divided into two groups of six and seven people, respectively to present and discuss their work. However, even with the smaller groups, the reserved time of three hours for the presentations and discussions of the participants' work was short. The workshop ended with a one-hour wrap-up and reflection session where common discussion topics related to the participants' research were gathered, and information about future ScAIEM events were shared.

The workshop also works as a platform to introduce young scholars to ScAIEM and keep them informed about future ScAIEM events. Many of the participants of the Spring workshop take part in the PhD workshop organized in connection with the ScAIEM Annual Conference. Also, for recent graduates, the ScAIEM thesis award is an opportunity to showcase their research in the field of IEM.

Overall, the workshop went well and was full of discussion on various research topics within IEM. The feedback gathered from participants noted that the time reserved was not enough for some discussions. Many respondents suggested to extend the workshop over two days to have more time for discussions. The organized keynote and open discussion on publishing articles in IEM was well received by the participants. The participants felt that the atmosphere was positive, and they are looking forward to participating in future ScAIEM events.

Plans for the future

As the return to a physical version of the spring workshop for young scholars was very positively received by the participants, physical meetings and events for young scholars remain a priority as networking is more effective in-person. However, additional online events could be a good complement as they are easy to organize, and the emphasis must be on reaching the potential participants and getting them to participate. New young scholars are best reached through their senior colleagues and supervisors, and others who have participated in ScAIEM events previously. Organizing the Spring workshop annually continues and one potential development for it would be to extend it over two days to allow for more in-depth discussions of the participants' work and more social interaction.

ScAIEM Doctoral Thesis Award

The winner of the ScAIEM Doctoral Thesis Award 2021 was *Christine Große*, Mid Sweden University, Sweden, with the thesis "Towards Systemic Governance of Critical Infrastructure Protection: State and Relevance of a Swedish Case". Christine's doctoral thesis is an example of high-quality research focusing on a very interesting and highly relevant topic, that is Critical infrastructure protection (CIP), one of the greatest concerns in modern societies. In particular, the thesis contributes to the understanding of the mechanisms of large-scale, interdependent infrastructure systems and the governance efforts to enhance societal resilience. Christine's dissertation focused decision-making in multi-level governance networks that aim to govern a complex, socio-technical system-of-systems. It brings forth a holistic system perspective that acknowledges the inherent multi-level character of the critical infrastructure system, including its protection and governance.

The thesis presents a good balance between academic and societal impact, providing both contributions to theory development and to practice development. The empirical work is also very

interesting and has been carried out in a complex stakeholder environment. The thesis also offers an example of systemic approach and of the value of combining perspectives and areas of knowledge. Moreover, the thesis is well-written, and the communicative effort is supported in a commendable way by different kinds of illustrations, figures, and tables. Finally, there is a well-balanced mix of publications attached to the thesis, including an article in a well-recognized journal, one article in a good journal and a range of conference papers that provide good exposure to communicate research results and further develop the research project.

Shortlisted were also the following two theses representing other different subfields of IEM, which shows how different issues we address in IEM:

- Andrea Geissinger, Örebro University, Sweden,
- Tabea Ramirez Hernandez, Technical University of Denmark (DTU).

This year there were 15 nominations for the award, which all were scrutinized by an assigned committee composed by the following persons:

- Lucia Crevani, Mälardalen University, Sweden, also member of the ScAIEM board
- Roland Hellberg, University of South-Eastern Norway
- Josef Oehmen, Technical University of Denmark
- Merete Nørby, Manufacturing Academy of Denmark (Made), representing industry

The committee wants to commend of the overall high quality of the nominated theses, which covered a diversity of areas within the field of IEM. The committee also noticed the diversity of the nominated theses in terms of how research results were presented, ranging from collection of published articles in well-known journals to a focused monography, something that also represents the diversity of the field. The final decision on the winner and shortlisted theses was made by the ScAIEM Board.

Seed Money Grant to Enhance Nordic IEM Collaborations

In 2019, ScAIEM initiated the initiative to offer *seed money* to facilitate collaboration across Scandinavian IEM scholars. The purpose is to initiate and increase collaboration, for example, in the form of short research exchange to generate ideas and activate new projects or papers; preparation of bigger joint funding applications (e.g., EU); co-authoring joint scientific papers or books; or doctoral education and mentoring.

During the Spring of 2021, the board called for new proposals. Due to the Covid-19 situation, the Board considered it reasonable to increase the budget to boost collaboration across our member universities and national borders after a couple of years with limited opportunities for collaboration. Consequently, the seed money grant for 2021 was given to three applicants:

- 1) NTNU-Uppsala-Aalborg collaboration (Poul Andersen, Susanne Åberg, and Andreea Bujac) with the aim to develop a special issue on Sustainable branding in a business-to-business marketing context.
- 2) Lund-Mälardalen collaboration (Kajsa Ahlgren Ode and Silvia Bruzzzone) on co-writing articles and apply for joint funding project around business models for sustainability.
- 3) LUT-Lund collaboration (Minna Saunila and Ilse Svensson de Jong) on co-writing articles on the interplay between management control, innovation, and sustainability.

There seem to be the same people and communities apply for the Seed Money Grant year after year. This is positive because it means that those who have received the grant have found it very useful. However, it will be important to reach out to more possible candidates for the years to come.

Financial statement (Year 2021-07-01 - 2022-06-30)

The income statement covers membership fees and costs for the period 20210701-20220630.

Income statement for the period ended 30 June 2022

<i>Item</i>	<i>Information</i>	<i>SEK</i>
	Income	
1.	Institutional membership fees	257.686,00
2.	Other income	0
3.	<i>Total gross income</i>	257.686,00
	Expenses	
4.	Web page expenses	1.809,00
5.	Administrative costs	38.863,56
6.	Board travel costs	0
7.	Project costs	233.321,91
	Branding & Marketing	2.799,73
	Young scholars of ScAIEM network	19.004,90
	ScAIEM Conference support	22.717,28
	ScAIEM Annual Thesis Award	63.800,00
	Seed Money for Joint Nordic research 2021/22	125.000,00
8.	<i>Total expenses</i>	273.994,47
	Net surplus(+) / deficit (-)	- 16.308,47

Balance sheet at 30 June 2022

<i>Item</i>	<i>Information</i>	<i>SEK</i>
	Assets	
9.	Cash at IMIT Account	717.045,42
10.	<i>Total assets</i>	717.045,42
	Equity	
11.	Annual Conference Guarantee Fund	100.000,00
12.	Surplus brought forward	633.353,89
13.	Net surplus of the year	-16.308,47
	Liabilities	
14.	<i>Total Equity and Liabilities</i>	717.045,42

The ScAIEM Years in Summary

2009

- The first Swedish academic national conference (Swe: “ämneskonferens”) in Industrial Engineering and Management (“industriell ekonomi”) INDEK 2009, was organized at KTH Royal Institute of Technology in Stockholm, November 26-27. Almost 100 attendees.

2010

- The Swedish national conference INDEK 2010 is organized at Chalmers University of Technology, November 11-12

2011

- The Swedish national conference INDEK 2011 is organized at Blekinge Institute of Technology, 10-11 November.
- The first IMIT PhD Student Poster Competition is launched.

2012

- *ScAIEM* is founded in Linköping, November 28, and announced at the Swedish national conference INDEK 2012 at Linköping University, November 29-30.

2013

- First board meeting of ScAIEM, January 23, at KTH in Stockholm.
- Formation of the board and administrative routines.
- Establishment of the cooperation with IMIT.
- Establishment of web-domains, development of web page, etc.
- Marketing of ScAIEM and the idea of a Scandinavian community of IEM institutions and scholars.
- First ScAIEM conference with all-Scandinavian attendance, Lund 27-29 November.

2014

- Invitation letter to potential institutional members in Scandinavia., February.
- Åbo Akademi, Turku, becomes the first paying member of ScAIEM, March.
- The Finish Doctoral *Arctic Workshop*, established since 20 years, merges with ScAIEM, and is organized as a PhD workshop November 17, the day before the main ScAIEM-conference.
- ScAIEM Conference at Aalto University, November 18-19.
- ScAIEM has 15 institutional members, representing all major programs in the field in Scandinavia and approximately 350 scholars.

2015

- ScAIEM Conference at the Technical University of Denmark, November 18-20.
- The first Annual General Meeting is held at November 19.
- The first ScAIEM PhD-course is organized by LTU.

2016

- *Industriell ekonomi* (Industrial Engineering and Management) becomes formally recognized as a subject in the field of Mechanical engineering in the Swedish national statistics (SCB), September 2016.

- SCAIEM has 21 institutional members, representing all major institutions and approximately 550 scholars in the IEM-field in the Nordic countries.
- SCAIEM Conference at Luleå Technical University, November 28-30
- First *SCAIEM Head of Department Summit* meeting for IEM Heads of Departments is organized on November 28, the day before the main SCAIEM conference.
- First *SCAIEM IEM Program Directors Council* is organized on November 28, the day before the main SCAIEM conference
- The *SCAIEM conference* grows with various pre-conference activities, e.g. the workshop on *Space Innovation* in Kiruna, November 25-26.

2017

- *SCAIEM Young Scholars Network* is established to enhance the professional exchange between Nordic PhD students and junior scholars in the field of IEM.
- The SCAIEM website is totally upgraded.
- Adjustment of the statutes: change of fiscal year and the addition of a PhD student representative at the Board.
- Logotype competition for IEM students.
- SCAIEM continues to grow and has 24 institutional members, representing approximately 600 IEM scholars.
- SCAIEM Conference at NTNU, November 27-29
- The second SCAIEM PhD-course is organized by LTU.

2018

- The SCAIEM logotype and graphical profile is established
- The second Spring Workshop of the Young Scholars of SCAIEM was organized at Chalmers in April 2018.
- The *SCAIEM Doctoral Thesis Award* is established with a prize SEK 25,000: -
- SCAIEM starts to financially support candidates' participation in the SCAIEM PhD Candidate Workshop
- A mapping project identifying all educations in Industrial Engineering and Management within the Nordic countries is executed.
- SCAIEM Conference at University of Oulu, November 26-28

2019

- Instituting the *SCAIEM Seed Money Grant for Joint Nordic IEM Research*
- An interactive homepage with all Nordic IEM educations is established.
- The third Spring Workshop of the Young Scholars of SCAIEM was organized at Aalto University in April 2019.
- SCAIEM Conference at KTH Royal Institute of Technology, Stockholm, October 14-16
- *First SCAIEM Head of Doctoral Education Council* is organized on October 14, the day before the main SCAIEM conference.
- First draft of a SCAIEM Conference Handbook is produced.

2020

- The Covid-19 pandemic strikes the world and affects the SCAIEM activities negatively.

- SCAIEM Conference 2020 is organized as a one-day on-line conference due to the pandemic, November 16, Technical University of Denmark, Copenhagen
- A mapping project identifying PhD educations in Industrial Engineering and Management within the Nordic countries is executed.

2021

- The SCAIEM activities are maintained, despite the global Covid-19 pandemic.
- Survey of challenges and collaboration possibilities in PhD educations in Industrial Engineering and Management within the Nordic countries is executed.
- SCAIEM Conference 2021 is organized as a two-days on-line event due to the pandemic, November 18-19, Technical University of Denmark, Copenhagen.

2022

- The Covid-19 pandemic continues to hold a grip of our community during the winter/spring of 2022.
- The first call for funding *ScAIEM IEM Doctoral Courses*.
- The first *ScAIEM Conference Handbook* is published.
- An update of the mapping of Industrial Engineering and Management programs within the Nordic countries is executed.
- *ScAIEM Conference 2022* is back in real life and as a three-day conference, November 16-18, organized by Uppsala University.

Conferences Since 2009

Swedish INDEK-Conferences:

- 2009, November 26-27, KTH Royal Institute of Technology, Stockholm
- 2010, November 11-12, Chalmers University of Technology, Gothenburg
- 2011, November 10-11, Blekinge Institute of Technology, Karlskrona
- 2012, November 28-30, Linköping University, Linköping

Scandinavian SCAIEM-Conferences:

- 2013, November 27-29, Lund University, Lund
- 2014, November 17-19, Aalto University, Helsinki
- 2015, November 18-20, Technical University of Denmark, Copenhagen
- 2016, November 28-30, Luleå Technical University, Luleå
- 2017, November 27-29, Norwegian University of Science and Technology, Trondheim
- 2018, November 26-28, University of Oulu, Oulu
- 2019, October 14-16, KTH Royal Institute of Technology, Stockholm
- 2020, November 16, Technical University of Denmark, Copenhagen (over internet)
- 2021, November 18-19, Technical University of Denmark, Copenhagen (over internet)
- 2022, November 9-11, Uppsala University, Uppsala
- 2023, November, University of South-Eastern Norway, Kongsberg (planned)
- 2024, November, Chalmers University of Technology, Gothenburg (planned)

ScAIEM Thesis of the Year Award

- 2018, *Dr. Kajsa Ahlgren Ode*, Department of Design Sciences, Lund University, with the thesis “Travelling Business Models”.
- 2019, *Dr. Lotta Lind*, Department of Industrial Engineering and Management, Lappeenranta-Lahti University of Technology LUT with the thesis “Identifying working capital models in value chains: Towards a generic framework”.
- 2020, *Dr. Helle Lohmann Rasmussen*, Department of Management, Technical University of Denmark, with the thesis: “Integrating operational knowledge in design of new buildings to improve facility performance: A comparative study of building and large ship projects”.
- 2021, *Dr. Christine Große*, Mid Sweden University, Sweden, with the thesis “Towards Systemic Governance of Critical Infrastructure Protection: State and Relevance of a Swedish Case”.

Signatures of the Board

Mats Engwall
Chairperson

Christine Ipsen
Vice Chairperson

Lucia Crevani

Hanne Finnestrand

Eskil Goldeng

Janne Huiskonen

Miia Martinsuo

Matti Risanen

Auditors' statements

INDEPENDENT AUDITOR'S REPORT

We have audited the accompanying financial report of Scandinavian Academy of Industrial Engineering and Management (ScAIEM), which comprises the statement of financial position as of 30 June 2022, the statement of comprehensive income, statement of assets and liabilities and statement of all transactions for the period 1 July 2021 - 30 June 2022.

Our responsibility is to express an opinion on the financial report based on our audit.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion. In our opinion, the financial report of ScAIEM gives a true and fair view of the ScAIEM's financial position as of 30 June 2022 and of its financial performance and cash flows for the period 1 July 2021 - 30 June 2022.

Place: Sundsvall _____, Date: 2022-09-23

Leif Olsson

Angelina Sundström



INDEPENDENT AUDITOR'S REPORT

We have audited the accompanying financial report of Scandinavian Academy of Industrial Engineering and Management (ScAIEM), which comprises the statement of financial position as of 30 June 2022, the statement of comprehensive income, statement of assets and liabilities and statement of all transactions for the period 1 July 2021 - 30 June 2022.

Our responsibility is to express an opinion on the financial report based on our audit.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion. In our opinion, the financial report of ScAIEM gives a true and fair view of the ScAIEM's financial position as of 30 June 2022 and of its financial performance and cash flows for the period 1 July 2021 - 30 June 2022.

Place: _____, Date: 2022-MM-DD

Leif Olsson



Fredrik Jeanson

Deputy auditor

Proposal for Budgets

Budget for 2022 07 01-2023 06 30

Revenues and Costs	(SEK)
Revenues	
Member fees (26 members 'a €1,000:-)	260.000
Costs	
Web-site operations and improvements	20.000
Board meetings	30.000
Project a: Branding & Marketing	0
Project b: Young Scholars of SCAIEM network	40.000
Project c: Update mapping of Nordic IEM programs	15.000
Project d: SCAIEM Annual PhD-Thesis Award (including reimbursement for the committee)	65.000
Project e: SCAIEM Conference support for PhD-students	50.000
Project f: Seed Money for Joint Nordic research	75.000
Project g: PhD Course / Summer/Winter Schools	100.000
Net costs:	395.000
Overhead IMIT	60.000
Total costs	455.000
Net result 2022/2023	-195.000

Indicative budget for 2023/2024

Revenues	
Member fees (26 members 'a €1,000:-)	260.000
Costs	
Web-site operations and improvements	20.000
Board meetings	30.000
Project a: Branding and marketing	0
Project b: Young Scholars of SCAIEM network	40.000
Project d: SCAIEM Annual PhD-Thesis Award (including reimbursement for the committee)	65.000
Project e: SCAIEM Conference support for PhD-students	50.000
Project f: Seed Money for Joint Nordic research	75.000
Project g: PhD Course / Summer/Winter Schools	100.000
Net costs:	380.000
Overhead IMIT	<u>60.000</u>
Total costs	440.000
Net result 2023/2024	-180.000

Proposed projects for 2022-23

Projects in the budget proposals

Web-site operations and improvements 20,000

Project a: Branding and marketing 0
No current projects ongoing.

Project b: Young Scholars Network of SCAIEM 40,000
Purpose: to strengthen the Nordic network of young, upcoming scholars in the IEM field. The budget covers financial support of the organization of a SCAIEM Young Scholars Workshop in the Spring of 2023.

Project d: SCAIEM PhD-Thesis Award 65,000
Purpose: to celebrate good Nordic research in the IEM field, display showcases IEM doctoral theses (winner and two runner-ups). The budget covers the awards (25,000 + 10,000 + 10,000) and reviewer reimbursements (3x5,000 + soc.costs).

Project e: SCAIEM Conference support for PhD-students 50,000
Purpose: to strengthen the Nordic network of young, upcoming scholars in the IEM field. The budget covers financial support for travel expenses to participants of the PhD Candidate Workshop (and the main conference) with a maximum of SEK 5,000:-/PhD student.

Project f: Seed Money for Joint Nordic Research 75,000
Purpose: to facilitate joint formulation of research projects between scholars from two, or more, SCAIEM institutional members of different countries. One grant can be max 50,000 SEK.

Project g: Organizing PhD courses and/or Summer/Winter Schools 100,000
Purpose: to organize PhD courses or Summer/Winter Schools.

Membership fee for 2022-07-01 – 2023-06-30 (decided)

- Institutional membership: € 1,000: -
- Individual membership: € 50: -

Proposed membership fee for 2023-07-01 – 2024-06-30

- Institutional membership: € 1,000: -
- Individual membership: € 50: -