



SOCIETY OF ECONOMIC GEOLOGISTS, INC.

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Student Chapter Annual Report Cover Page

Submission Deadline: September 30th

Submit to: studentprograms@segweb.org

Month/Year Reported: From 01/2023 (mm/yyyy) – To 01/2024 (mm/yyyy)

STUDENT CHAPTER:

Check if update needed at segweb.org

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Logo: _____

Facebook: _____

Twitter: _____

Instagram: _____

LinkedIn: https://www.linkedin.com/in/seg-sga-student-chapter/

YouTube: _____

Chapter Executive Committee (*in office during the time frame captured on this report*) (type "Vacant" if position not filled):
The new committee is reported on the Student Chapter Membership Information form (SCMIF).

President: ROYER Theo theo.royer@outlook.com
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Chapter Industry Sponsor (*not affiliated with the student chapter's institution*): Check if SEG Fellowship in good standing

VALLI Frank
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Sponsoring Institution or Company(name): _____



Annual Report

SEG-SGA Student Chapter UniLaSalle France



Year 2023-2024

Institut Polytechnique UniLaSalle
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1. Student chapter presentation

The student chapter is a professional association of UniLaSalle, which members are fourth-year engineering students in the Geology field, specialized in Renewable Mineral Resources. This association aims to organize conferences at UniLaSalle as well as companies visits and a field trip.

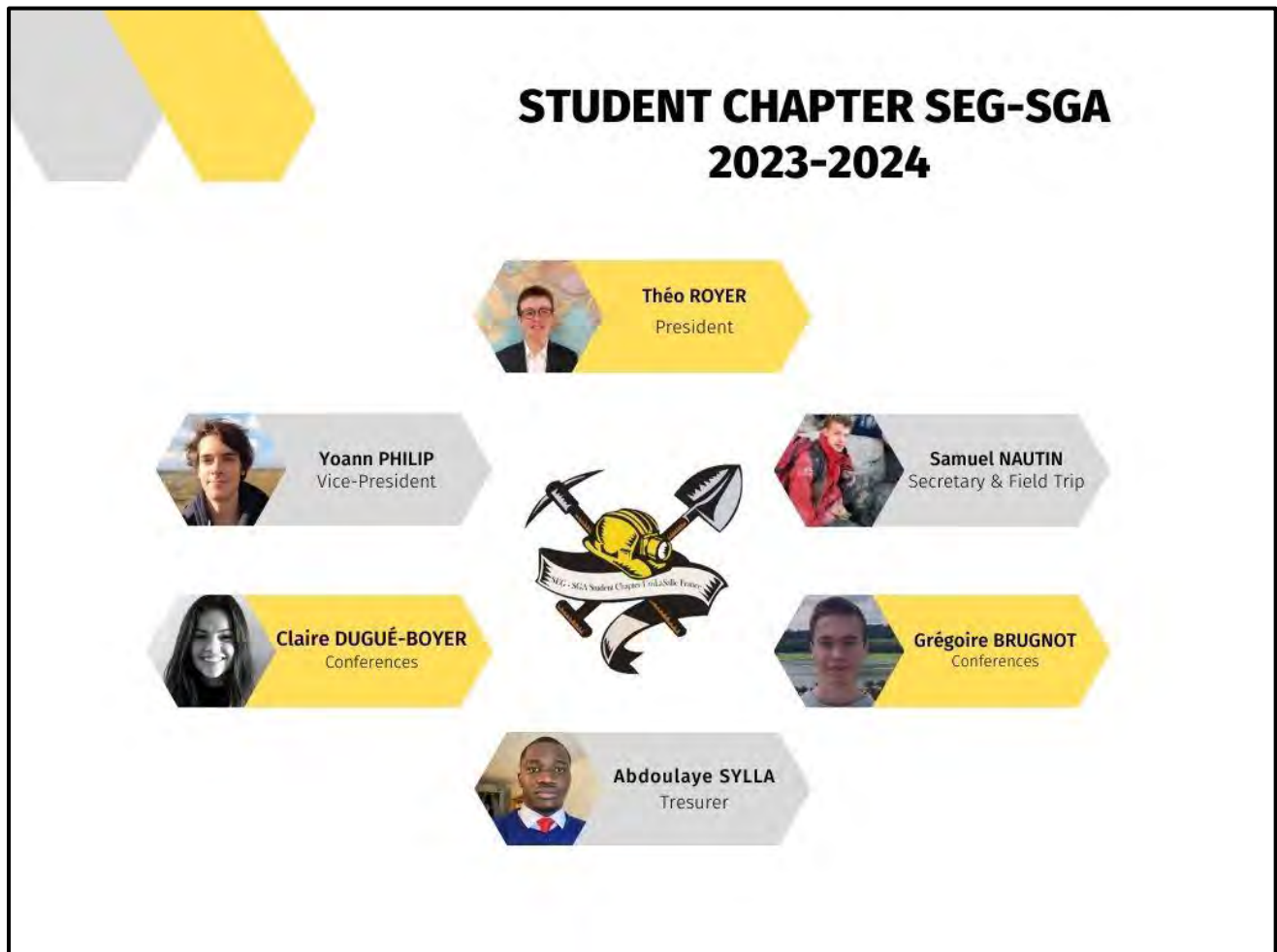


Figure 1: Executive Committee 2023-2024

During the year 2023-2024 the Student Chapter was composed of 6 active members whose functions are mentioned below:

- **President (Theo ROYER):** Manage the Student Chapter (meetings, the progress of planned tasks, etc.), make the link between the student chapter team and the SEG and SGA. The referent of the Visits/Field Trip pole.
- **Vice-President (Yoann PHILIP):** Helps the president in his tasks. Link with the academic advisor. The referent of the conference pole.
- **Treasurer (Abdoulaye SYLLA):** Manage the finances of the association as treasurer. The referent of the sponsor pole.
- **Secretary (Samuel NAUTIN):** Writes the minutes of the meetings. The referent of the communication pole.
- **Conferences (Claire DUGUE-BOYER, Gregoire BRUGNOT):** Contacts professionals to organize conferences in UniLaSalle.
- **Field Trip and excursions pole (Samuel NAUTIN, Yoann PHILIP):** Contact professionals to organize company visits. Propose a destination and activities for the field trip as well as a provisional budget.
- **Jessica Bonhoure** is still our Academic Advisor and Franck Valli our Industry Advisor.

2. Activities

2.1 Regular meetings

Throughout the academic year, our chapter convened occasional meetings as necessary, consisting of two distinct types. Firstly, a monthly gathering involved the entire student chapter along with our academic advisor (when available). These sessions were dedicated to planning forthcoming activities, such as conferences and field trips. It provided a platform for everyone to contribute ideas and share contacts beneficial to the chapter's endeavors.

Additionally, more frequent meetings were conducted exclusively among the president, vice-president, treasurer, and secretary. The primary purpose was to swiftly assess the progress of each functional area, with each member responsible for overseeing a specific aspect. Initially, these meetings were conducted at UniLaSalle but later transitioned to UQAC, as all the students in the chapter were in Quebec for their final year of studies (double degree).

2.2 Global changes

Double degrees concerning all the student members strongly affected our activities. We have had to review the way we operate, both in our meetings and in the organization of our activities. Unless we managed to hold a total of two conferences at UQAC.

The website created few years ago was not so used this year because we focused our communication on LinkedIn and through UQAC & UniLaSalle network, which was a good way to attract people to join our online conferences. We were able to attract about 30 people for each conference.

We decided to start forming the new team in October to work together until the transition in January. In this way, the current team could continue to organize events while the next team is in training.

2.3 Conferences

2.3.1 Swedish mining industry: the case of Garpenberg. – 24/11/2023

Morvan Derrien, a French mining geologist, started working as an exploration geologist in northern Sweden after graduating from ENSG. Since 2017, he has been with New Boliden, serving as Senior Mine Geologist and recently as a Resource Geologist at the Garpenberg Pb-Zn-Ag mine.

Through this recorded online conference, Mr. Derrien provided insights into the Swedish mining industry, with a focus on the Garpenberg mine. The history, geology, and current exploitation of the deposit were discussed using metallogeny concepts and futuristic remote methods of exploitation. We successfully organized this seminar with participants from France and Quebec, along with Mr. Derrien joining from Sweden.



The flyer features a central aerial photograph of the Garpenberg mine complex, with the title "L'INDUSTRIE MINIÈRE SUÉDOISE : LE CAS DE GARPENBERG" overlaid in white text. Two circular inset images show an underground tunnel with a truck and a close-up of a conveyor belt. The bottom left includes a circular portrait of Morvan Derrien, a Senior Geologist, and the Boliden logo. The bottom right contains the event date "Vendredi 24 NOV. 2023", two time slots for Québec and France, and the text "Diffusion en salle et sur Teams". The UniLaSalle logo is at the bottom right.

**L'INDUSTRIE MINIÈRE SUÉDOISE :
LE CAS DE GARPENBERG**

MORVAN DERRIEN
Géologue Sénior

BOLIDEN

**Vendredi 24
NOV. 2023**

12h30-13h30 (Québec)

18h30-19h30 (France)

Diffusion en salle
et sur Teams

UniLaSalle
Terre & Sciences

Figure 2: Garpenberg conference Flyer.

2.3.2 IMERYS & Emili project: from exploration to batteries quality lithium – 13/11/2023

This conference on France's only lithium mine project was organized thanks to Theo ROYER's contacts.

Patrick FULLENWARTH and Benjamin BARRE are IMERYS senior and junior geologists respectively. They studied at the ENSG in Nancy (France) and at the University of Orleans (France) respectively.

On November 13, 2023, we had the pleasure of listening to them present the Beauvoir deposit in detail through a corporate presentation and by showing us the 3D model of the deposit on Leapfrog.

We would like to thank Patrick and Benjamin once again for finding the time to hold this conference despite the time difference. We would be delighted to organize a site visit in future years.

**IMERYS ET LE PROJET
EMILI : DE L'EXPLORATION
AU LITHIUM QUALITÉ
BATTERIES.**

PATRICK FULLENWARTH
Géologue Sénior

BENJAMIN BARRE
Géologue Junior

IMERYS

**Lundi 13
NOV. 2023**

12h-13h (Québec)
18h-19h (France)

Diffusion en salle
et sur Teams

UniLaSalle
Terre & Sciences

Figure 3: IMERYS conference flyer.

3. Fieldtrip

Several attempts have been made to organize visits and short field trips in both France and Canada. In May 2023 and again in October 2023, we contacted the Arcelor Mittal Dunkerque iron smelter. The site is open to organized student visits and is conveniently located at an adequate distance from UniLaSalle for a one-day trip. While the trip did not materialize this year, the organizational process has commenced, and we strongly encourage the next team to carry on with this project.

During the team's presence in Quebec (Chicoutimi) from September 2024, various opportunities arose. The Aluminum Rio Tinto Jonquière smelter near Chicoutimi also welcomes organized visits for students and citizens. Unfortunately, despite several email exchanges and an online meeting, the project did not progress.

Additionally, efforts to contact the Nb-Ta Niobec mine near Chicoutimi yielded no response.

4. Funding & treasury

The treasury has remained largely untouched, as no expenses were incurred. The funds were robust when the team assumed control of the student chapter and doubled by the end of the mandate. Notably, sponsorship money obtained through the participation of the student chapter members in a mineral exploration competition (NGEA), representing UniLaSalle, significantly strengthened the association's treasury.

5. Future plans

"The student chapter hopes to continue its activities and organize face-to-face conferences and outings as soon as possible.

Considering that there will likely be students among the next members who will be in Quebec, we invite them to attempt to develop the industry network there to maximize the number of conferences throughout the year.

We regret that we couldn't organize a field trip this year but are optimistic about planning one for the next year.

Currently, we possess a solid treasury that will allow us to fund an elaborate field trip next year. Our LinkedIn account can also aid in this effort by showcasing all of our activities to professionals in the sector."