

UNIVERSIDAD NACIONAL DE INGENIERÍA



Annual Report 2019 – 2020

**Society for Mining, Metallurgy and
Exploration**

SME Student Chapter UNI

Lima – Perú

SME Student Chapter UNI

National University of Engineering

Universidad Nacional de Ingeniería

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Lima, June 2020

SME Student Chapter UNI

Faculty of Geological, Mining and Metallurgical Engineering

Facultad de Ingeniería Geológica, Minera y Metalúrgica

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2 INSTITUCIONAL PRESENTATION

2.1 WHO ARE WE?

We are a Student Chapter conformed by the students of the Faculty of Geological, Mining and Metallurgical Engineering of the National University of Engineering (UNI), associated to the Society for Mining, Metallurgic and Exploration (SME) and committed to the development of the mining industry national.

2.2 OUR VALUES

Passion. Always deliver more than what is expected of you (LP)

Integrity. Knowledge without integrity is dangerous and terrible (SJ)

Leadership. Leadership is liberating the potential of people to make them better (BB)

Teamwork. Together we achieved great goals

Social Ambient Responsibility. The price of greatness is responsibility (WC)

Continuous Improvement. After climbing a very high mountain, we discovered at there are many other mountains to climb (NM)

2.3 VISION

“By 2021, be the leading student chapter in mine planning, scientific research and development, focused on the needs of the mining industry”

2.4 MISSION

“To maximize UNI talent, under an integral approach, and to promote mining research, responding to the needs of companies and society”

2.5 STRATEGIC OBJECTIVES

1. Strengthen the technical knowledge of students
2. Promote scientific research in students
3. Enhance leadership skills and integration among members
4. Student representation and prestige to the University
5. Disseminate responsible mining within Peruvian society

2.6 GOALS 2020

1. Training for representatives of the concurs of Planning at PERUMIN 2021
2. Support for the management of CONEIMIN 2021
3. Carry out one research project
4. Strengthens the social networks of the SME Student Chapter UNI (Facebook, YouTube, LinkedIn, Instagram)

2.7 ACKNOWLEDGMENT

To...

... MSc. Eng. Henry Brañes, great mentor and professor

... Mrs. Marisa Moane de Amico, great counselor and friend

... MSc. Eng. Jose Corimanya and Eng. Augusto Tévez, for your trust and support

... Engineers, Faculty Personal and Students, which made all our activities possible

... Engineers, who made virtual training Possible-Webinar

Peru is a mining country, full of opportunities thanks to its geological riches (Gold, silver, copper, zinc, etc.). Therefore, this makes us one of the countries where we are most attractive for mining investment and hence investment, as a result and presence of leading global mining companies. The same mining industry needs trained professionals for the challenges that come, technological advancement, planning strategies, research to optimize the NPV of a mining project, of course, that bland skills is a factor important for that purpose. The challenges of the new professional from 2020-2021 forward, was born from the same university, encouraging research, training and reporting current mining and innovations that occur today.

It is an honor to be president of this team, the trust of my colleagues motivates me to keep working. Together we will be able to achieve the objectives that despite the whole juncture due to covid-19, will not be able to stop the development of research, dissemination of knowledge, teamwork. As student chapter SME (Student Chapter UNI-SME), we are committed to the development of the national mining industry and bringing information, breaking the myths against mining, to achieve sustainable mining and the running of mining projects.



Bulnes Castro, Roberth

2.9

VICE PRESIDENT REPORT

I am currently a member of the UNI 2020 SME Directive, holding the position of Vice President. I am part of the SME UNI since 2018, this group of organized students has as a goal The main objective is to share knowledge and information regarding the mining reality in Peru. This allows students who are starting their university career to enter the Mining World to establish a solid base with which they can tackle their professional training. For this reason, different activities are being carried out within the Uni University campus, such as Mining Courses, Mining Software Workshops and also the participation in different collective events carried out by the Faculty. This 2020 directive also aims to prepare for the next directive in 2021, with the aim of establishing a group The SME UNI is the only company that can successfully represent the SME UNI at a national level in the activities that are coming up in 2021.



Meza Basilio, Ronaldo

2.10

SECRETARY REPORT

I want to express my appreciation for the trust given by my colleagues in giving me the opportunity to be a member of the board of the SME Student Chapter UNI. I am very proud to assume the position of secretary, of which I am committed to fulfill my duties, to achieve the objectives.

I admire each member of the work team for their commitment and availability, when carrying out all the activities scheduled during our management. They have been a great support when performing my duties as secretary. Always in joint work, in order to achieve our objectives outlined as a chapter.

This experience has allowed me to learn various research topics about mining activity and its important role in mining activity. In addition, to relate to both students and professionals, with whom we have shared knowledge and experience through academic presentations, which were organized by our team.

Mining is a very important sector in Peru, it contributes a large percentage to the Peruvian economy, generating development and work in the regions. Future mining engineers, geologists and metallurgists prepare according to the skills demanded by the labor sector. Our goal is that students, when performing in the workplace, can meet the required requirements and thus contribute to the growth of Peru.



Isla Verdi, Ivan

2.11

TREASURER REPORT

It is a privilege to be part of this student chapter, made up of peers who are in the mood to work, it is an honor to be able to work and share with this great working group in which I have been able to develop my ability to manage activities, and thus strengthen my soft skills to perform in the best possible way in the workplace. I am grateful for the trust placed in me to exercise the position in which I perform.

My roles in this working group are to manage all monetary flows that are carried out (sports events, academic and economic activities); also I keep a detailed record of it. One of the strategies we had to achieve our goal was to involve graduates and authorities of our university in our activities, without which it would not have been possible to collect the donations that were necessary to carry out our activities, and trips to participate in national and international events.

The total number of egresses was \$5,400.00 and the total revenue to our chapter was \$5,900.00, resulting in a net cash flow of \$500. This amount will allow us to carry out new activities.

Income		
Month	Description	Amount
sep-19	Financing of the Faculty of Mining Engineering for the trip to Arequipa.	\$ 1,000.00
sep-19	Prize 1st Post Mine Design and Planning Contest.	\$ 500.00
feb-20	Donation from the SME for the trip to Phoenix.	\$ 1,500.00
feb-20	Donation from the National University of Engineering for the trip to Phoenix.	\$ 2,400.00
feb-20	Award to 1st Place in Membership Challenge 2019	\$ 500.00
	Total	\$ 5,900.00

Expenses		
Month	Description	Amount
sep-19	Travel to PERUMIN Mining Convention 34 - Arequipa	\$ - 1,000.00
feb-20	Travel to SME Annual Conference & Expo 2020 - Phoenix, Arizona	\$ - 4,400.00
	Total	\$ - 5,400.00



Abregu Tuesta, Juan Gabriel

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04275434	Luis	Huaira Rondo
04275496	Ronald	Meza Basilio
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04275507	Bryan	De La Cruz Arredondo
04275508	Jonathan	Diaz Inga
04275509	Alex	Falcon Ascona
04275510	Percy	Mallqui Belito
04275512	Diego	Segura Rojas
04275513	Alberto	Valle Asurza
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04275527	Luis	Irribarren Retuerto
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04275555	Dany	Huaman Bazan
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04276818	Alexander	Ramos Turin
04276819	Avalos	Edson Lenon
04276820	Fernando	Arca Garcia
04276824	Giancarlo	Diaz
04276825	Jose	Prado Palacin
04276827	Kevin	Ttito Valenzuela
04276829	Luis	Minaya Abanto
04276830	Michael	Atoccsa Lopez
04276832	Roger	Ramirez Oscoco
04276833	Nelson	Arostegui Castro
04276834	Delgado	Suker Agapito
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3 SME Annual Conference & Expo 2020

3.1 MineXChange 2020 SME Annual Conference & Expo

February 23-26, 2020

MineXChange 2020 SME Annual Conference & Expo is the only conference in the world dedicated to all disciplines of mining engineering. With a wide variety of technical sessions and speakers next to a large exhibition hall, MineXChange attracts thousands of mining professionals from around the world. A unique and world-class event, where the most prestigious companies, the best universities and recognized professionals in the mining field in the U.S. and the world are present.

The mine planning team at SME Student Chapter UNI was invited to present their work at the annual SME 2020 conference in Phoenix, Arizona. This was a great opportunity for students to share experiences, expand their knowledge, expand your contact network and represent UNI at this distinguished event.

3.2 Actividades realizadas en la conferencia

There were 05 SME UNI members what managed to travel and attend the annual conference. The activities carried out during the 04 days of the event were as follows:

- Exhibition of the Project “Preliminary Economic Assessment of the Pampachiri Project” to the Organizing Committee of the Metallic SME Student Design Competition.
- Assistance to technical sessions organized by industry-leading innovators from around the world, including researchers, mining companies and consulting firms.
- Attendance at symposia where the problems facing the mining industry were fully addressed.
- Attendance at an exhibition with more than 725 exhibitors showing the latest technological advances in industry around the world.
- Events aimed at students and sponsored by leading companies in the mining sector worldwide such as Freeport McMoRan, Newmont Goldcorp, and Komatsu.

- Newmont Student Forum & Engagement Lunch

SME student members shared an afternoon where a student forum was held by Newmont and the announcement of student chapters winners of the world competitions organized by the SME. The SME Student Chapter UNI came first in the Fall Membership Challenge 2019, thus obtaining an economic award that will be useful for the financing of the activities of the student chapter.

- Komatsu/SME Student & Professor Reception

SME student's members and associate faculty participated in an entertaining night in which they were able to expand their network of contacts and exchange experiences, reshaping their expectations for the future regarding postgraduate study opportunities in mine schools in EE.UU.

Freeport McMoRan SME Student Networking Reception.

SME student's members shared a friendly night with Freeport-McMoRan professionals, developing networking and sharing experiences, thus opening the door to new expectations for the future in job opportunities.

Attendance at student competitions that take place within the Annual Conference program:

SME Graduate Student Research Poster Contest

Move Mining Competition

This has been an inspiring experience for SME UNI members, which has allowed them to stay in touch with students and teachers from the best mining schools in the world, sharing their postgraduate experiences and study opportunities.



Ilustración 1. Equipo de Planeamiento del SME UNI junto a Blanche Blattner, representante internacional de WAAIME



Ilustración 1. Equipo de Planeamiento del SME UNI junto al Comité luego de su exposición



Ilustración 3. Freeport McMoRan SME Student Networking Reception



Ilustración 4.. SME 2020 Student Engagement Breakfast



Illustration 5. Newmont Student Forum & Engagement Lunch

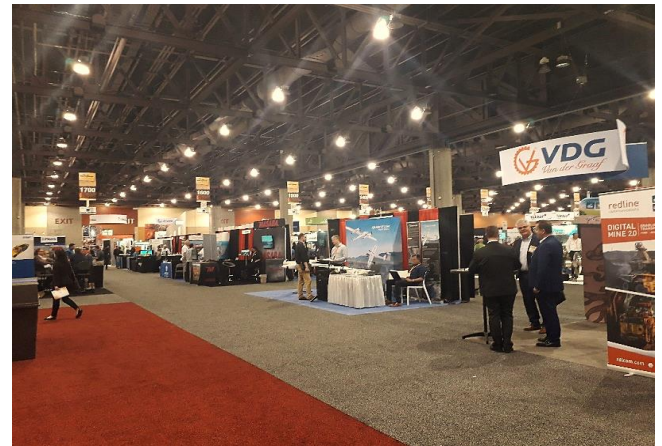


Ilustración 6. Salón de Exhibiciones

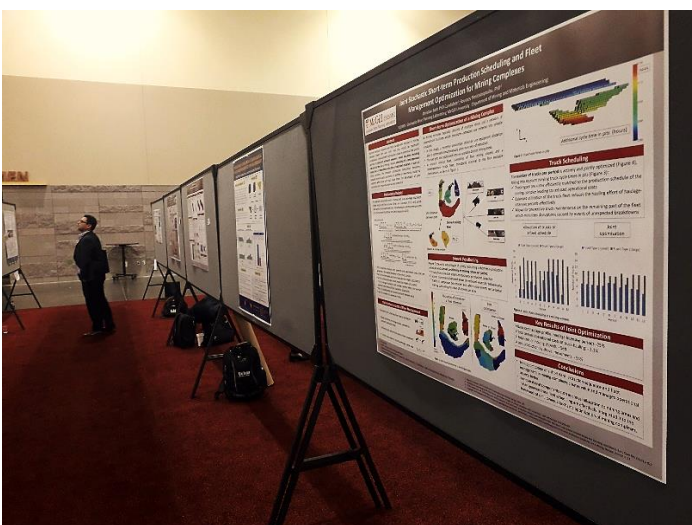


Illustration 7. SME Graduate Student Research Poster Contest



Illustration 8. Technical Sessions - Mine Planning and Optimization

4 STUDENT CHAPTER'S ACTIVITIES

4.1 Welcome from Entrants

August 15, 2019

Welcome Enters 2019-2!!

The event was held in conjunction with the other student associations of the Professional School of Mining Engineering to motivate new students for educational excellence and research, as well as to make their knowledge the opportunities provided within the UNI.

The reception took place in the auditorium of the faculty, where the presentation of the cultural centers was held and student chapters. At the end of the event, the draw of books and magazines was held.



Illustration 1. Directive of the SME Student Chapter UNI with the entrants of the mining engineering career

August 10, 2019

Course aimed at student's members of SME UNI

On August 10, 2019, the software workshop was developed: "Underground Mine Design", at the FIGMM-UNI facility, by Ronald Tito, a technician with more than 10 years of experience in the area of planning at the Compañía Minera Condestable.

This software workshop was aimed at students from 5th to 10th cycle, in which mining work was designed as ramps, Raise Boring and galleries taking into account mine standards and operational criteria.

To express our gratitude to Ronald Tito for his willingness to share his knowledge and experiences in such excellent training, students attended by the interest shown and the administrative staff in making it easier for us to use the facilities.



Illustration 1. Members of the SME Student Chapter with Ronald Tito



Illustration 2. Delivery of certificate to Ronald Tito

4.3 Christmas celebration

December 20, 2019

¡¡Merry Christmas everybody!!

Christmas celebration FIGMM

As is tradition in our faculty, on December 20 the FIGMM student center, with the support of all the student associations, organized a Christmas celebration and a basket raffle for the students.

In addition to the raffle of baskets and the delivery of some gifts to administrative staff. A basket raffle was also held among the members of the SME. This was accomplished with the support and management of the SME UNI directive



Illustration 1. Students who participated in the Christmas celebration and the basket raffle



Illustration 22. Delivery of baskets to the administrative staff of the faculty

November 24, 2019

Course aimed at student members of the SME UNI

On November 24, 2019, the software workshop "Underground Mine Design" was developed again, at the FIGMM-UNI facilities, by Ronald Tito, a technician with more than 10 years of experience in the area of planning in the Condestable Mining Company.

This software workshop, unlike the previous one, was aimed at 3rd to 5th cycle students, divided into 02 parts.

In the first part of the event, the operational criteria and design standards of the Condestable mine were explained, as well as the activities carried out by the Topography area, placing great emphasis on the topographic survey of advances and pits.

In the second part, the software was used, designing mining tasks such as ramps, shafts and drifts, taking into account mine standards and operational criteria.

To express our gratitude to Ronald Tito for his commitment and willingness to share his knowledge and experiences in such an excellent training, to the attending students for the interest shown and to the administrative staff for facilitating the use of the facilities.



Illustration 1. Software Workshop Closure



Illustration 2. Software Workshop in FIGMM-UNI classrooms

4.5 Realization of the introduction to Mining classes for early-year classmates.

January 30, 2020

On Thursday, January 30, 2020, the Introduction class for Mining was held for the colleagues of the FIGMM, this course was developed on the premises of our beloved faculty. In which, the class manager was the vice-president of this directive.

We consider that this type of activity is of the utmost importance, since it helps to have a perspective focused on all the activities carried out in mine, helping the early-year student to know and question in detail each process, generating interrogations and curiosity to continue research.



Illustration 1. Publication about the mining introduction workshop



Illustration 2. Photo of the students present in said workshop.

4.6 Webinars

4.6.1 Conducting webinar “SME: Postgraduate Studies Abroad”

April 22, 2020

On April 22, 2020, the webinar "SME: Post-Graduate Studies Abroad" was held by the engineer Mario Alejandro Bendezu de la Cruz, Mining engineer of the Pontifical Catholic University of Peru, with experience in operations and productivity in mining.

Currently, the engineer is performing a Master of Science in Mining Engineering's Graduate Student at West Virginia University, WV, USA.

In this Webinar you could learn about strategies for profit and finding opportunities to win a scholarship abroad.



Illustration 1. Advertising the event

4.6.2 Conducting webinar “OPEN PIT – Introduction and Industry Practices “

April 22, 2020

On April 22, 2020, the webinar entitled "Mining to Open Tajo-Introduction and Industry Practices" was held, which was led by the engineer Cristian Quiroz Giron, Mining Engineer, National University of Engineering. In this webinar we were able to know the activities that take place both in the mine area as well as in planning. Controls that are carried out day by day. It is worth mentioning that the engineer has been President of the SME student chapter UNI



Illustration 1. Advertising the event

4.6.3 Conducting webinar “Planning and Open Pit Design”

April 23, 2020

On April 23, 2020, the webinar "Planning and design of open cut" was held directed by Alfredo Martínez Velarde. Mining Engineer, National University of Engineering. In this Webinar you could know and understand the planning process from a block model to economic analysis. We consider it an important contribution to the entire student community, which helps us understand and be able to seek improvements in each process and therefore initiate research.



Illustration 1. Advertising the event

4.6.4 Conducting webinar "Mining Project Management with PMI approach"

May 7, 2020

On May 7, 2020, the webinar "Management of Mining Projects with PMI approach" was held, which was led by Erick Hinostroza De la Cruz. Mining Engineer, National University of Engineering. In this webinar you could understand the criteria to be able to start a Mining project, such as implementing it, etc.



Illustration 1. Advertising the event

4.6.5 Conducting webinar “Estimation of Resources and Reserves”

May 8, 2020

On May 8, 2020, the Resource and Reserves Estimation webinar was held" by Carlos Manchego, who is also a qualified competent person under the JORC code, with extensive experience, is currently Corporate Manager of Pan American Silver Corp. Mineral Resources.

In this webinar we were able to know and understand the estimation process and criteria for a correct estimate, so the participants' doubts could also be resolved.

Conferencia Virtual

Estimación de Recursos y Reservas

Ing. Carlos Manchego
Gerente Corporativo de Recursos Minerales
Pan American Silver Corp.

- Especialista en Estimación de Recursos y Reservas
- Experiencia en Operaciones Subterráneas y Superficiales en más de 20 países
- Persona Competente calificado bajo el Código JORC
- Máster en Ingeniería de Minas en la Ecole de Mines de Paris - Especialización en Geoestadística.
- Ingeniero de Minas de la UNI

Viernes 08-05-2020

16:00 horas

Transmisión

[f](#) [LIVE](#) [v](#)

sme@uni.edu.pe [f](#) [t](#) [v](#) SME Student Chapter UNI

Illustration 1. Advertising the event

5 Participación de miembros-estudiantes en diversos eventos

5.1 ProActivo Awards 2019

August 22, 2019

SME Student Chapter UNI present at the 2019 ProActivo Awards

Premios ProActivo is an initiative of Revista ProActivo and its Editorial Board under the slogan “By the Commitment to Land Resource Management for Sustainable Development”, aims to disseminate projects that have contributed to generating well-being for the population through social development, as part of a corporate sustainable development policy. (Extracted from <https://premiosproactivo.org/presentacion>).

The SME Student Chapter UNI presented 3 projects developed by its members. You can find out the initiatives at the link below: <https://bit.ly/2KnHeB3>

Express our gratitude to Mr. Monica Belling, Director of ProActivo Magazine, for the gracious invitation and greeting to Ing. Dario Zegarra and to the RRCC team of compañía Minera Antamina for obtaining the highest distinction of the night in the field of Social Responsibility in Mining.



Illustration 3. Members of the SME Student Chapter UNI together with Darío Zegarra (Vice President of Corporate Affairs of Antamina)

September 14-20, 2019

Winners of the THIRD Latin American Mine Design and Planning Competition

PERUMIN 34 Mining Convention

The Institute of Engineers of Mines of Peru (IIMP) organized PERUMIN 34 Mining Convention, an event held from September 16 to 20, 2019 in Cerro Juli, Arequipa being the most important mining event nationally and the second largest mining convention in the world.

Among the convention is the convention are conferences and dialogues with leading national and international experts, employers to meet at this important event.

At the Mining Technology Exhibition, EXTEMIN you can learn about the best of mining technology and equipment through its 1400 stands divided into 7 international pavilions.

Attendees can also learn, discuss and share thanks to the different international presentations covering topics related to the mining activity, science, technology, education, environmental care, among others, by 800 professionals from different specialties of the mining sector that held the exhibitions as part of the Mining Summit.

In addition, PERUMIN 34 Mining Convention had four exclusive rooms for the Technology, Innovation and Sustainability Forum (TIS) where the latest scientific studies and technological advances, related to mining activity, were presented.

In addition to attending PERUMIN, SME UNI members participated in events that took place within the framework of Peru, including:

III Latin American Mine Design and Planning Contest SME 2019

Within the framework of PERUMIN 34 Mining Convention, the third edition of the SME Mine Planning Competition was held, organized by the Latin American Section of the Mining, Metallurgy and Exploration Society Inc. (SME). This competition was held in 02 phases, where engineering topics were developed for a real mining project.

In the first phase, 14 national universities and a foreign college participated. This stage lasted 4 weeks, where the teams proposed a technical solution (geology,

mining and metallurgy) for a mining project, which they reflected in a technical report.

During the second phase, developed in the city of Arequipa and to which they qualified 5 teams, students worked on the expansion of the problem and carried out the support of this, having as a jury outstanding industry professionals.

The winning universities in this edition were the National University of Engineering (UNI), who again obtained the first place of this important student contest under the advice of Ing. Roberto Vicuña, professor at UNI's Professional School of Mine Engineering.

The WINNING TEAM of the UNI consisted of the following students:

Mirna Rocío Cachay Guerrero •	Giorgito Armats Giarnelly Quiñones
Carlos Enrique Morante Arroyo •	Max Edwin Tirado Escobar
Giuseppe Rivera Calle •	Michahel Arturo Calixto Rivera

The award ceremony of the competition was held at the SME gala dinner and the PERUMIN 34 Mining Convention facilities.

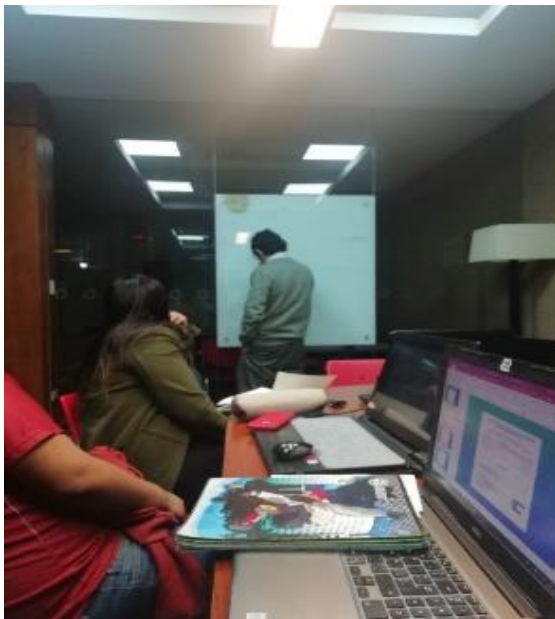


Illustration 8. First Stage of the contest (Lima)



Illustration 7. Finalist Teams at the Flsmidth facilities



Illustration 14. SME UNI planning team with Hugh B. Miller (President of SME 2019) and Robert Schafer (President of SME 2020) at the award ceremony in PERUMIN



Illustration 13. SME UNI Planning Team with Ing. Ángel Mondragón, President of SME Peru Section



Illustration 12. Prize for 1st Place awarded to SME UNI



Illustration 9. Second stage of the competition at the Flsmidth offices (Arequipa)



Illustration 10. Exposure in front of the jury

5.2. SME Technical Conferences

The SME Latin America organized the SME technical conferences, event held on Tuesday, September 17 at the UNSA Paraninfo by SME Latin America. He was attended by Hugh Miller (president of SME 2020) and Mr. David Kanagy.

As exhibitors, the following were presented:

- Ing. Roque Benavides (Buenaventura)
- Ing. Tomas Gonzales (Cerro Verde)
- Ing. Carlos Santa Cruz (BISA)
- Ing. Javier Salazar (Southern Perú).

After the completion of the round of presentations, Flsmidth's backpack gift was presented to the 05 finalist teams of the Design and Planning Competition 2019.

5.2. SME 2019 Gala Dinner

The traditional SME Gala Dinner was held on 17 September at the Arequipa Club, with the presence of Ing. Hugh Miller, President of SME, Mr. Dave Kanagy, Executive Director of SME and Ing. Angel Mondragon, President of the Peru Section of SME. Among the gala dinner attendees were several professionals who lead the most important companies and institutions of the mining sector in the country, in addition to the presidents of the SME student chapters who had the opportunity to attend such a distinguished event.

During the dinner, the following professionals were honored:

- Ing. Derek Cooke – SME Outstanding Member Achievement Award Perú
- Ing. Roque Benavides – SME Outstanding Achievement Award Perú

These distinctions were made for their important contributions to Peruvian mining.

This event was the ideal platform to bring together professionals and students associated with the SME, an opportune environment for fraternization among members of the various student chapters and the expansion of your professional network of contacts.

5.3 XV CONEIMIN UCSM

November 04 to 09, 2019

Outstanding participation of SME UNI members in competitions

The National Congress of Mining Engineering Students (CONEIMIN) is one of the most important events for mining engineering students, which brings together students, professionals and companies within the mining sector nationwide. The objective of the congress is to reinforce the capacities of the students, as well as to encourage research, offering theoretical-practical competitions with high academic-professional performance.

The XV edition of CONEIMIN was held in at the Catholic University of Santa María (UCSM) in the city of Arequipa. The program of the congress was composed of conferences, software workshops, leadership workshops, academic and cultural competitions, technical visits and fellowship events.

On this occasion, a delegation of 66 students from the National University of Engineering (UNI), led by representatives of the student groups and chapters of the

mining engineering school, attended the congress with the aim of having an outstanding participation in the different Contests and thus achieve to be the next headquarters of CONEIMIN.

The SME Student Chapter UNI organized to select and train the team that participated in the Mining Planning Contest. The SME UNI team won first place in the contest, this being a new achievement for the student chapter.

Thanks to union and the effort of the entire delegation, the first places in many competitions were achieved, thus achieving the main objective of the UNI to be the headquarters of CONEIMIN 2020.



Illustration 3. UNI delegation on the outskirts of UCSM

COMPETITIONS	POSITION
MINE PLANNING	1 st
DRILLING AND BLASTING	1 st
ROCK MECHANICS	1 st y 2 nd
HACKOTEC	1 st
STRUCTURAL GEOLOGY	1 st
RECOGNITION OF ROCKS AND MINERALS	1 st
INTEGRATED MANAGEMENT SYSTEM	1 st
MINING LAW	1 st
MISS AND MISTER	1 st
SPORTS CHAMPIONSHIP	1 st
RESEARCH PROJECTS	2 nd y 3 rd
COST AND EVALUATION OF PROJECTS	2 nd
MINING VENTILATION	2 nd
TOPOGRAPHIC SURVEY	3 rd



Illustration 4. UNI delegation after winning the Mr. and Ms. contest



Illustration 3. Members of the SME UNI at the closing party



Illustration 2. Publication made on social networks congratulating the members of the SME UNI on reaching the podium

5.4

Presentation at the ABET FIGMM Fair

December 02, 2019

Promoting student participation in the chapter

The Student Projects Fair and Contest FIGMM 2019-2 was held on the esplanade of the EP of Mining Engineering in order to promote research in the students of the faculty.

This fair consists of the exhibition of the projects developed as part of the courses within the curriculum of the geological, mining and metallurgical engineering specialties. In addition, stands are assigned to the Student Chapters so that they can publicize their activities and projects.



Illustration 1. SME UNI stand

On this occasion, there was the special participation of representatives of the ABET Accreditor, who met with the representatives of the student groups and chapters.

During the fair, the Student Chapter UNI provided attendees with information about the chapter and the activities carried out so far, being one of the most important, be the brand-new winners of the III Mine Design and Planning Contest, organized by SME Latin America.



Illustration 2. ABET representative with Dean M.Sc. Ing. José Corimanya, Ing. Matos and the student representatives



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SME Student Chapter UNI



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