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MÉXICO CHAPTERS

**FIRST NATIONAL FORUM OF MEXICAN ACI STUDENT CHAPTERS.
MONTERREY, OCTOBER 2018**



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ENCUENTRO NACIONAL DE
CAPITULOS ESTUDIANTILES ACI
MONTERREY 2018

**FIRST NATIONAL FORUM OF MEXICAN ACI STUDENT CHAPTERS.
MONTERREY, OCTOBER 2018**

As announced in Las Vegas ACI convention.

- In October 2018 UANL hosted the First Forum of Student Chapters from ACI México. This Forum was organized and developed by the ACI- FIC-UANL Student's Chapter, with the advice of the ACI North East México Chapter Board of Directors.
 - ✓ The main purpose of this Forum is to collect students proposals to enhance teaching of concrete and concrete technology and increase these activities through Mexican Universities. Also to encourage the adoption of ACI University products into their teaching methods and procedures.
- Participation of Prof. David A. Lange, Dr. Sergio Alcocer and Dr. Ramón L. Carrasquillo were highlights of the event.
- There were workshops, technical competitions and other events for the Students from all around México.
- More than 30 Student Chapters of México were expected to participate in the Forum as well as in the President's Meeting.
- Expected attendance over 400 Students.
- Information at: <http://fic.uanl.mx/enace-aci2018/>



ENCUENTRO NACIONAL DE
CAPITULOS ESTUDIANTILES ACI
MONTERREY 2018

QR Code

Holcim
Patrocinador Oficial

MONTERREY
25/28 OCTUBRE 2018

CONTACTO
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❷ ACI CIVIL
❸ fic.uanl.mx/enace-aci2018

Conferencias Magistrales
Competencias Estudiantiles
Visitas Técnicas
Talleres
Foros

FIRST NATIONAL FORUM OF MEXICAN ACI STUDENT CHAPTERS. MONTERREY 2018



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ENACE ACI

Patrocinador
Oficial Holcim

PROGRAMA

JUEVES 25
octubre
Hotel Crown Plaza Mty

13:30 Registro

14:30 Inauguración

15:30 Conferencia I
Dr. David A. Lange

16:30 Conferencia II
M.C. Francisco García Á.

17:30 Coffee Break

17:50 Conferencia III
Dr. Ramón Carrasquillo



VIERNES 26
octubre
Hotel Crown Plaza Mty

09:00 Conferencia IV
Dr. Dimitri Feys

10:00 Conferencia V
Dr. Sergio M. Alcocer

11:00 Coffee Break

11:20 Conferencia VI
Dr. Nasser M. Noriega

12:20 Foro Estudiantil

13:00 Concurso
Sede IIC-UANL

19:00 Cena de Clausura
Sede Colegio de Ingenieros Civiles

SÁBADO 27
octubre

08:00 ■ Visitas
■ Técnica
■ Turística
Salida FIC - UANL
camiones disponibles
apartir de las 7:30 hrs.

15:00 ■ Talleres
Sede FIC - UANL
■ Asamblea de
presidentes
Sede Hotel Crown Plaza

DOMINGO 28
octubre

12:00 Check Out

The final program highlighted the assistance of:

- Dr. David A. Lange ACI President
- Dr. Ramón Carrasquillo
- Dr. Dimitri Feys
- MC Francisco García A
- Dr. Sergio M Alcocer
- Dr. Nasser M Noriega

In addition:

- National Forum for Students was held
- Technical competitions
- Technical visits to relevant jobs in process locally
- Sightseeing visits
- Workshops
- Student Chapters President's National meeting
- Artistic presentation

RESULTS: Attendance to the Forum.



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In accordance with:	Type of attendance	Total registered Attendance
University	UANL Students	151
	Students from other Universities	200
	Total Students Attendance	351
ACI Chapter	Total Students from ACI Chapters	272
	Students without a Student Chapter in	79
	Total Students Attendance	351
Place of origin	Local Students from Monterrey	179
	Foreign Students	172
	Total Students Attendance	351
Professionals		45
Total General Attendance		396

RESULTS. Images speak for themselves:



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Registration



Inaugural ceremony



RESULTS: Attendance to the Forum by University.



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ACI-UABC Universidad
Autónoma de Baja California

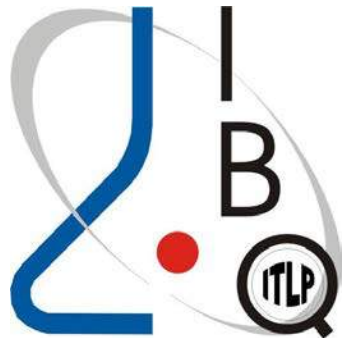
5



UNIVERSIDAD
DE COLIMA

ACI-COL Universidad
De Colima

4



ACI-TECLAPAZ Instituto
Tecnológico De La Paz

3

uane

ACI-ARQ-UANE Universidad
Autónoma del Noreste

16



ACI-UNACH Universidad
Autómoma de Chiapas

7

RESULTS: Attendance to the Forum by University.



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ACI-UAGRO Universidad
Autónoma de Guerrero

11



ACI-FES-ARAGON-UNAM Universidad
Nacional Autónoma de México

6



ACI-TESSFP Tecnológico de Estudios
Superiores San Felipe del Progreso

4



CE-ACI-ESIA-IPN Instituto Politécnico Nacional

2

RESULTS: Attendance to the Forum by University.



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ACI-UMSNH Universidad
Michoacana de San Nicolás
Hidalgo

6



ACI-FIC-UANL Universidad
Autónoma de Nuevo León

151



ACI-FUBUAP Benemérita
Universidad Autónoma de Puebla

9



CE-ACI-UASLP Universidad Autónoma de
San Luis Potosí

6

RESULTS: Attendance to the Forum by University.



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ACI-UNISON Universidad de
Sonora

16



Universidad Veracruzana

Facultad de Ingeniería

Región Coatzacoalcos-Minatitlán

ACI-FIUV Universidad Veracruzana Coatzacoalcos

4



ACI-ITSON Instituto Tecnológico
De Sonora

12



ACI-UAZ Universidad Autónoma de
Zacatecas

14

RESULTS: Attendance to the Forum by University. Summary:



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STATE	CHAPTER NAME	ATTENDANCE
Universities with ACI Chapter:		
Baja California	ACI-UABC (Universidad Autónoma de Baja California)	5
Baja California Sur	ACI-TECLAPAZ (Instituto Tecnológico de la Paz)	3
Coahuila	ARQ-UANE (Universidad Autónoma del Noreste)	16
Colima	ACI-COL (Universidad de Colima)	4
Chiapas	ACI-UNACH (Universidad Autónoma de Chiapas)	7
Guerrero	ACI-UAGRO (Universidad Autónoma de Guerrero)	11
México State	ACI-TESSFP (Tecnológico de Estudios Superiores de San Felipe del Progreso)	4
México City	ACI-FES ARAGÓN-UNAM (Universidad Nacional Autónoma de México)	6
	CE-ACI-ESIA-IPN (Instituto Politécnico Nacional)	2
Michoacán	ACI UMNSNH (Universidad Michoacana de San Nicolás Hidalgo)	6
Nuevo León	FIC-UANL (Universidad Autónoma de Nuevo León)	151
Puebla	ACI-FIBUAP (Benemérita Universidad Autónoma de Puebla)	9
San Luis Potosí	CE-ACI-UASLP (Universidad Autónoma de San Luis Potosí)	6
Sonora	ACI-UNISON (Universidad de Sonora)	16
	ACI-ITSON (Instituto Tecnológico de Sonora)	12
Veracruz	ACI FIUV Coatzacoalcas (Universidad Veracruzana)	4
Zacatecas	ACI-UAZ: en formación (Universidad Autónoma de Zacatecas)	14
Total Attendance		272

RESULTS: Attendance to the Forum by University.



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STATE	UNIVERSITY NAME	ATTENDANCE
Universities without ACI Chapter:		
Coahuila	Universidad Autónoma de Coahuila	18
México	Universidad Autónoma del Estado de México	2
Nuevo León	Universidad de Monterrey	20
	Universidad Regiomontana	2
	Instituto Tecnológico y de Estudios Superiores de Monte	6
Tabasco	Universidad Popular de la Chontalpa	5
Tamaulipas	Instituto Tecnológico de Reynosa	10
	Universidad México Americana del Norte AC	3
	Instituto Tecnológico de Matamoros	2
	Universidad Autónoma de Tamaulipas	4
Sinaloa	Universidad Autónoma de Sinaloa	6
Veracruz	Universidad Veracruzana Boca del Río	1
Total Attendance		79
Great Total of Attendance		351

- **Universities from 18 States out of 32 in México**
- **29 Universities**
- **17 ACI Student Chapters**

RESULTS. Images speak for themselves:



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Speakers recognition



Dr. Lange and other Speakers with the organizational committee of the FIC-UANL Student Chapter.



RESULTS. Images speak for themselves:



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Dr. Pedro L. Valdéz Taméz.
UANL Civil Engineering Faculty Director
Inaugural speech.



Dr. David A. Lange participation.
The Future of 3-D Printing of Concrete Structures



RESULTS. Images speak for themselves:



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Prof. David A. Lange and the audience.



RESULTS. Images speak for themselves:



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Dr. Ramón L. Carrasquillo presentation.

Pathology and benefits of rigid pavement construction



RESULTS. Images speak for themselves:



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**Dr. David A . Lange and the Presidents of the
Three Mexican Chapters**



Dr. Dimitri Feys.
Presenting the 50 shades of grey Concrete.
**Effects on concrete performance of
workability and placing**



RESULTS. Images speak for themselves:



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**Dr. Sergio M. Alcocer presentation.
Behavior of concrete buildings and masonry in
the 2017 September Mexico City Earthquake**



Ing. José Alfredo Rodríguez at the inaugural ceremony



RESULTS. Images speak for themselves:



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**Dr. David A. Lange with Students of FIC-UANL Student Chapter.
Excellent University.**



**MC Francisco García Álvarez presentation.
Response of students and community to
the September 19, 2017 earthquake**



RESULTS. Images speak for themselves:



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Speakers and organization committee



Dr. Nasser Mohamed Noriega presentation. UANL 4.0
Facing the fourth industrial revolution



RESULTS: Competition.



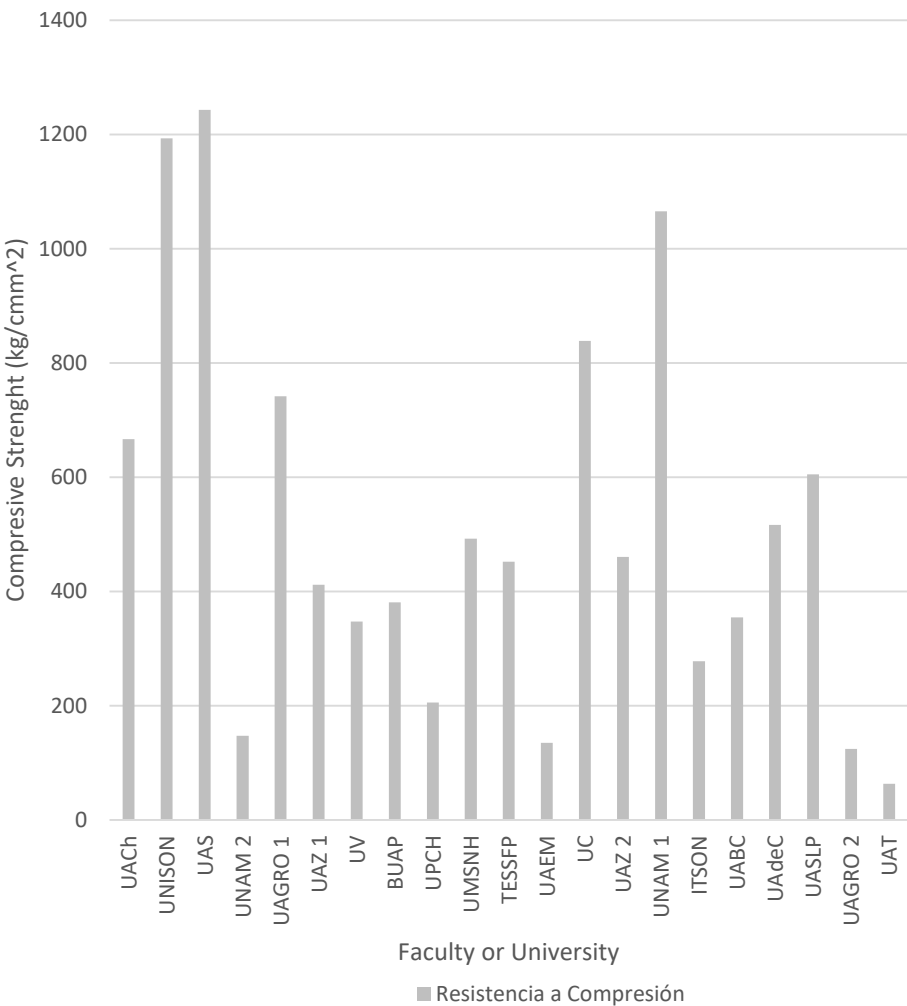
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Participation of 22 teams.

Competition with 3 aspects to consider:

- 1.- Compressive strength
- 2.- Volumetric Weight
- 3.- Electric resistivity

Compressive Strength



RESULTS: Competition.



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Strength Competition Testing.

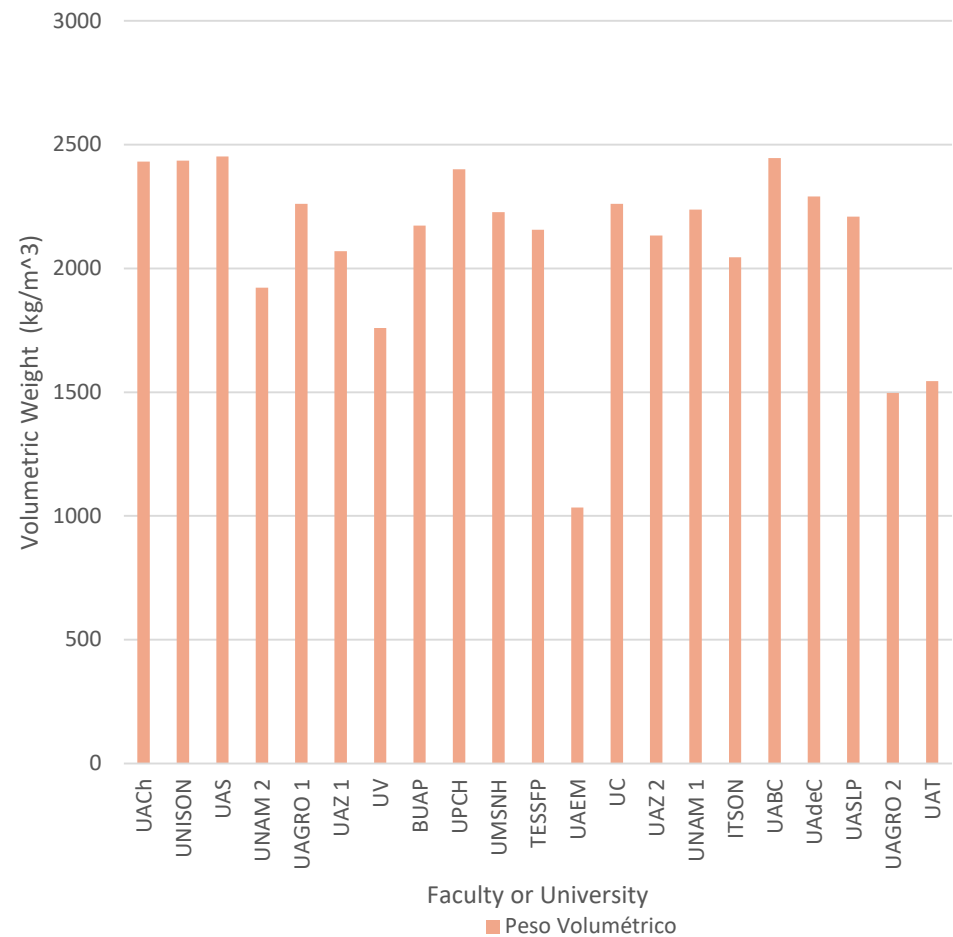


RESULTS: Competition.

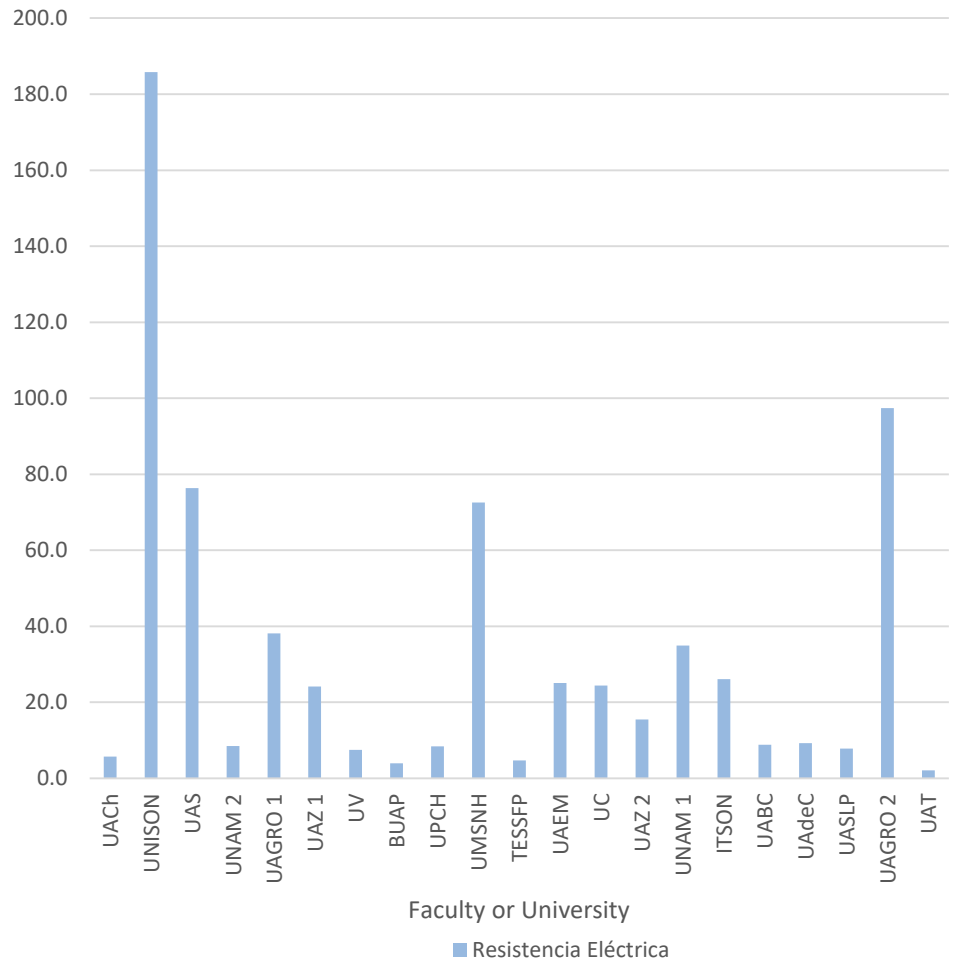


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Volumetric Weight



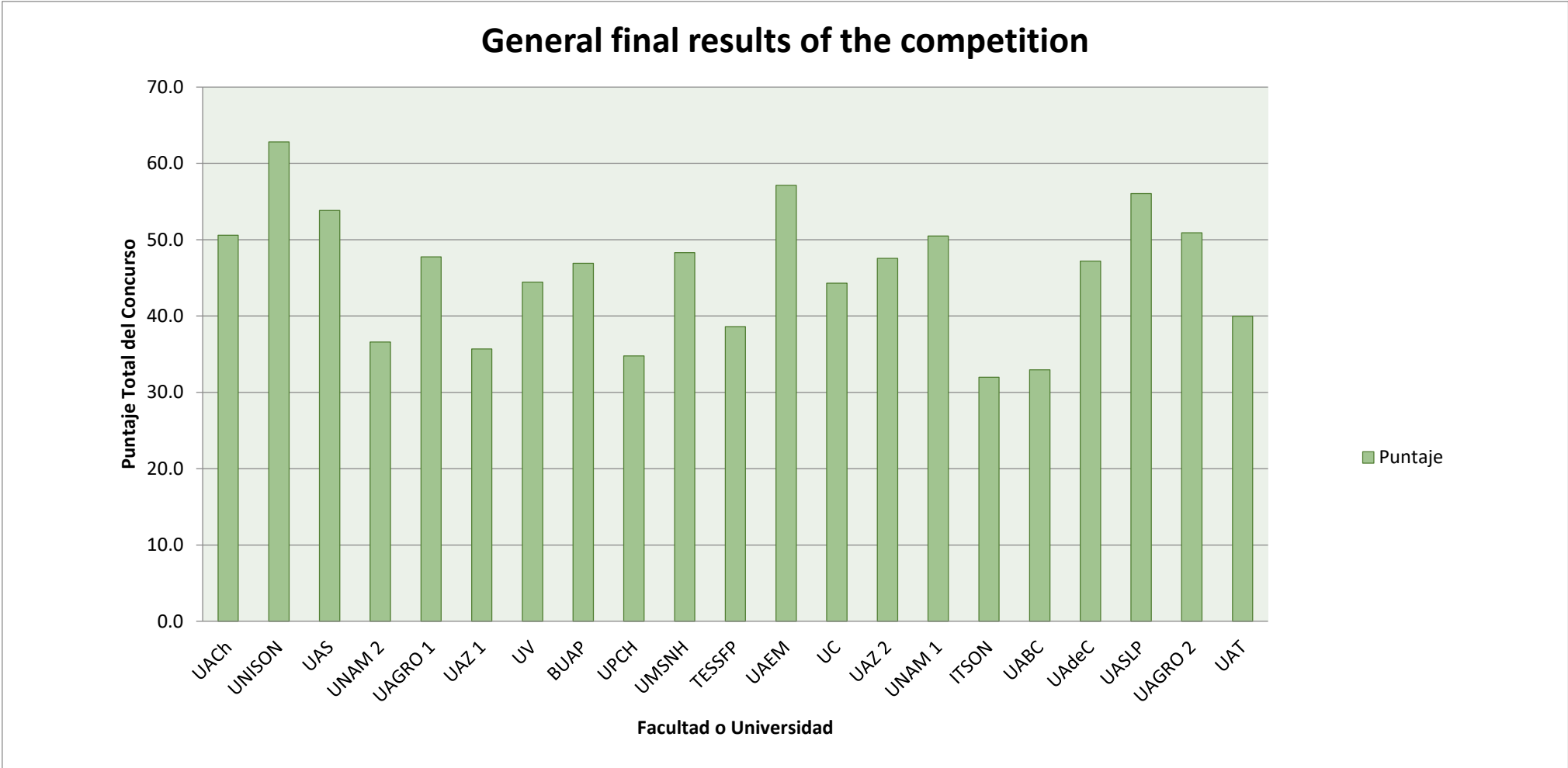
Electric Resistivity



RESULTS: Competition.



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RESULTS. Students Forum.



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At the end of the technical presentations, the Student's Forum was held.

- Some Chapters share presentations about their activities and organization with the other students
- A good networking process among the Chapters was generated
- Ideas to work together as well as use others experiences
- Solutions to similar needs were discussed



RESULTS. Student Chapters President's Meeting.



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At the end of the Forum the Student Chapters President's Meeting was held.

- **20 Universities were represented and 17 Student Chapters' Presidents attended.**
- More than **43 participants** including 3 ACI Mexico Chapters Boards as well as some faculty members from Universities and advisors of the ACI Student Chapters
- The main topics considered were:
 - Searching for the Excellent University recognition. How to get it!
 - Main activities to promote within the ACI Student Chapters
 - Certification programs applicable to Student Chapters
 - Promotion of attendance of Students to ACI Conventions
 - Annual organization of the National Forum of Mexican ACI Student Chapters
 - Definition of location and dates for the next National Forum of Mexican ACI Student Chapters
 - Integration of the "Bridge between Schools and Industry" to promote contact of students with the industry
 - Proposal of National Concrete Competitions with the sponsoring of Holcim and other companies

RESULTS. Images speak for themselves:

President's Forum and Meeting.



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RESULTS. Other activities.



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- Students, professors, ACI authorities and visitors attending the Forum had the opportunity to enjoy the Closing Dinner with a Mexican folk dance show and the integration of one new board for a Student Chapter recently integrated
- Sightseeing visits were organized for foreign students attending the Forum
- Also Technical visits were organized with high participation of students.



RESULTS. Images speak for themselves:



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Closing dinner



RESULTS. Images speak for themselves:



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First Board of the Student Chapter of Universidad Autónoma de Chiapas.



Mexican Folk Dance show during the closing dinner "UANL Folkloric Ballet".



RESULTS. Images speak for themselves:

Technical visits to jobsites in Monterrey.



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CONCRETE INTERNATIONAL MAGAZINE.

President's Memo:

Nurturing the Next Generation

Extract:

.....In October, I joined the Encuentro Nacional de Capítulos Estudiantiles ACI in Monterrey, México. This is a brand-new event that invites student chapters from all across Mexico to meet. The plan is to convene this gathering every year for the purpose of education, social programs, and concrete competitions. My highest compliments go out to the student organizers who conceived and executed a fabulous event. Again, the winning team was awarded support to attend the next ACI Convention in Quebec City.

Ramon Carrasquillo, FACI, was one of the invited speakers in Monterrey. Many of you may know that Ramon has been a strong and enthusiastic supporter of our ACI students over the years. In an e-mail following the Monterrey event, he encouraged me by saying: "The students are the future of ACI, and countries across Latin America do an excellent job with the student chapters. We need to show the students that ACI Presidents, professors, and professional engineers are people just like them and, if they work hard and are committed to excellence, the sky is the limit". I agree!

.....At ACI, we often say that our students are our future. I can assure you that our future is in good hands.

David A. Lange

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CONCLUSIONS.



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The Forum was very successful and the main findings and conclusions are:

1. Students learn a lot when organizing this kind of event while also learning about teamwork
2. Collaboration among students from different chapters as well as different Universities enriches the process
3. There are a lot of ideas to be implemented to support student's learning process
4. Experience sharing to improve Student Chapters annual work
5. Enhanced link among school and industry as well as among ACI Chapters and Schools and industries
6. Open panoramic view of the students regarding ACI and ACI activities
7. Motivates students to go to ACI International conventions as well as to participate in ACI events
8. Improvement of concrete technology teaching in schools
9. Information sharing and networking encouraged

TEAMWORKING.



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ACI 3 México Chapters keep working together in the organization and promotion of the ENACE 2019 but also in:

- Promotion of Certification programs
- Membership
- Seminars and technical conferences
- National Standards Review and actualization
- Excellence in Student Chapters



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MÉXICO CHAPTERS



INVITATION.



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SECOND NATIONAL FORUM OF MEXICAN ACI STUDENT CHAPTERS 2019

ENACE 2019.

Ciudad Obregón, Sonora. México.

September 25, 26 and 27, 2019.

COME AND JOIN US IN THE EXPERIENCE.



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MÉXICO CHAPTERS

Further information: alejandra.valencia@aci-mexico-nw.org

THANK YOU VERY MUCH.