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.

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.

<table>
<thead>
<tr>
<th>In accordance with:</th>
<th>Type of attendance</th>
<th>Total registered Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>University</strong></td>
<td>UANL Students</td>
<td>151</td>
</tr>
<tr>
<td></td>
<td>Students from other Universities</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td><strong>Total Students Attendance</strong></td>
<td><strong>351</strong></td>
</tr>
<tr>
<td><strong>ACI Chapter</strong></td>
<td>Total Students from ACI Chapters</td>
<td>272</td>
</tr>
<tr>
<td></td>
<td>Students without a Student Chapter</td>
<td>79</td>
</tr>
<tr>
<td></td>
<td><strong>Total Students Attendance</strong></td>
<td><strong>351</strong></td>
</tr>
<tr>
<td><strong>Place of origin</strong></td>
<td>Local Students from Monterrey</td>
<td>179</td>
</tr>
<tr>
<td></td>
<td>Foreign Students</td>
<td>172</td>
</tr>
<tr>
<td></td>
<td><strong>Total Students Attendance</strong></td>
<td><strong>351</strong></td>
</tr>
<tr>
<td><strong>Professionals</strong></td>
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<td>45</td>
</tr>
<tr>
<td><strong>Total General Attendance</strong></td>
<td></td>
<td><strong>396</strong></td>
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</tbody>
</table>
RESULTS. Images speak for themselves:

Registration

Inaugural ceremony
RESULTS: Attendance to the Forum by University.

ACI-UABC Universidad Autónoma de Baja California

ACI-COL Universidad De Colima

ACI-TECLAPAZ Instituto Tecnológico De La Paz

ACI-ARQ-UANE Universidad Autónoma del Noreste

ACI-UNACH Universidad Autónoma de Chiapas
RESULTS: Attendance to the Forum by University.

11
ACI-UAGRO Universidad Autónoma de Guerrero

6
ACI-FES-ARAGON-UNAM Universidad Nacional Autónoma de México

4
ACI-TESSFP Tecnológico de Estudios Superiores San Felipe del Progreso

2
CE-ACI-ESIA-IPN Instituto Politécnico Nacional
RESULTS: Attendance to the Forum by University.

ACI-UMSNH Universidad Michoacana de San Nicolás Hidalgo
6

ACI-FUBUAP Benemérita Universidad Autónoma de Puebla
9

ACI-FIC-UANL Universidad Autónoma de Nuevo León
151

CE-ACI-UASLP Universidad Autónoma de San Luis Potosí
6
RESULTS: Attendance to the Forum by University.

ACI-UNISON Universidad de Sonora

ACI-ITSON Instituto Tecnológico De Sonora

ACI-FIUV Universidad Veracruzana Coatzacoalcos

ACI-UAZ Universidad Autónoma de Zacatecas

16

12

4

14
RESULTS: Attendance to the Forum by University. Summary:

<table>
<thead>
<tr>
<th>STATE</th>
<th>Universities with ACI Chapter</th>
<th>ATTENDANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baja California</td>
<td>ACI-UABC (Universidad Autónoma de Baja California)</td>
<td>5</td>
</tr>
<tr>
<td>Baja California Sur</td>
<td>ACI-TECLAPAZ (Instituto Tecnológico de la Paz)</td>
<td>3</td>
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<tr>
<td>Coahuila</td>
<td>ARQ-UANE (Universidad Autónoma del Noreste)</td>
<td>16</td>
</tr>
<tr>
<td>Colima</td>
<td>ACI-COL (Universidad de Colima)</td>
<td>4</td>
</tr>
<tr>
<td>Chiapas</td>
<td>ACI-UNACH (Universidad Autónoma de Chiapas)</td>
<td>7</td>
</tr>
<tr>
<td>Guerrero</td>
<td>ACI-UAGRO (Universidad Autónoma de Guerreo)</td>
<td>11</td>
</tr>
<tr>
<td>México State</td>
<td>ACI-TESSFP (Tecnológico de Estudios Superiores de San Felipe del Progreso)</td>
<td>4</td>
</tr>
<tr>
<td>México City</td>
<td>ACI-FES ARAGÓN-UNAM (Universidad Nacional Autónoma de México)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>CE-ACI-ESIA-IPN (Instituto Politécnico Nacional)</td>
<td>2</td>
</tr>
<tr>
<td>Michoacán</td>
<td>ACI UMNSNH (Universidad Michoacana de San Nicolás Hidalgo)</td>
<td>6</td>
</tr>
<tr>
<td>Nuevo león</td>
<td>FIC-UANL (Universidad Autónoma de Nuevo León)</td>
<td>151</td>
</tr>
<tr>
<td>Puebla</td>
<td>ACI-FIBUAP (Benemérita Universidad Autónoma de Puebla)</td>
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</tr>
<tr>
<td>San Luis Potosí</td>
<td>CE-ACI-UASLP (Universidad Autónoma de San Luis Potosí)</td>
<td>6</td>
</tr>
<tr>
<td>Sonora</td>
<td>ACI-UNISON (Universidad de Sonora)</td>
<td>16</td>
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<tr>
<td></td>
<td>ACI-ITSON (Instituto Tecnológico de Sonora)</td>
<td>12</td>
</tr>
<tr>
<td>Veracruz</td>
<td>ACI FIUV Coatzaacoalcos (Universidad Veracruzana)</td>
<td>4</td>
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<tr>
<td>Zacatecas</td>
<td>ACI-UAZ: en formación (Universidad Autónoma de Zacatecas)</td>
<td>14</td>
</tr>
<tr>
<td><strong>Total Attendance</strong></td>
<td></td>
<td><strong>272</strong></td>
</tr>
</tbody>
</table>
RESULTS: Attendance to the Forum by University.

<table>
<thead>
<tr>
<th>STATE</th>
<th>UNIVERSITY NAME</th>
<th>ATTENDANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universities without ACI Chapter:</td>
<td></td>
<td></td>
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<tr>
<td>Coahuila</td>
<td>Universidad Autónoma de Coahuila</td>
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<tr>
<td>México</td>
<td>Universidad Autónoma del Estado de México</td>
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<tr>
<td>Nuevo León</td>
<td>Universidad de Monterrey</td>
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<td></td>
<td>Universidad Regiomontana</td>
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<tr>
<td></td>
<td>Instituto Tecnológico y de Estudios Superiores de Monte</td>
<td>6</td>
</tr>
<tr>
<td>Tabasco</td>
<td>Universidad Popular de la Chontalpa</td>
<td>5</td>
</tr>
<tr>
<td>Tamaulipas</td>
<td>Instituto Tecnológico de Reynosa</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Universidad México Americana del Norte AC</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Instituto Tecnológico de Matamoros</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Universidad Autónoma de Tamaulipas</td>
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<td>Sinaloa</td>
<td>Universidad Autónoma de Sinaloa</td>
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<tr>
<td>Veracruz</td>
<td>Universidad Veracruzanana Boca del Río</td>
<td>1</td>
</tr>
<tr>
<td>Total Attendance</td>
<td></td>
<td>79</td>
</tr>
<tr>
<td>Great Total of Attendance</td>
<td></td>
<td>351</td>
</tr>
</tbody>
</table>

- Universities from 18 States out of 32 in México
- 29 Universities
- 17 ACI Student Chapters
RESULTS. Images speak for themselves:

Speakers recognition

Dr. Lange and other Speakers with the organizational committee of the FIC-UANL Student Chapter.
RESULTS. Images speak for themselves:

Dr. Pedro L. Valdés 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:

Prof. David A. Lange and the audience.
RESULTS. Images speak for themselves:

Dr. Ramón L. Carrasquillo presentation. Pathology and benefits of rigid pavement construction.
RESULTS. Images speak for themselves:

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:

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:

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

RESULTS. Images speak for themselves:

Speakers and organization committee

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

Participation of 22 teams.

Competition with 3 aspects to consider:

1.- Compressive strength
2.- Volumetric Weight
3.- Electric resistivity
RESULTS: Competition.

Strength Competition Testing.
RESULTS: Competition.

Volumetric Weight

Electric Resistivity
RESULTS: Competition.

General final results of the competition
RESULTS. Students Forum.

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.

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.
RESULTS. Other activities.

- 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:

Closing dinner
RESULTS. Images speak for themselves:

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.
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
American Concrete Institute
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. Enhaced 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.

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
INVITATION.

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.

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

THANK YOU VERY MUCH.