

# Northeast Mexico Chapter Main Activities.

# José Lozano

Chapter President 2018-2020

"DREAM BIG, BUILD BIGGER"

ACI INTERNATIONAL FORUM.
THE CONCRETE CONVENTION AND EXPOSITION
LAS VEGAS, NEVADA. USA

# **ACI Northeast Mexico Chapter**

# American Concrete Institute Sección Noreste de México A.C.

#### **Main activities**

- Promote concrete knowledge in our construction industry trough technical conferences, meetings and chapter library.
- Permanent contact with construction, cement and concrete industries.
- Encourage the formation of Student Chapters in the Northeast Region of México.
- Provide ACI certification programs in Mexico.
- Together with FIC-UANL encourage the interest on concrete research among bachelor degree students (Since 2009)

#### **SNEM – ACI Started activities in 1982**







#### 2017

DATE:	ATENDANCE:	TITLE:	SPEAKER:	SPONSOR:
03/01	109	"Construction systems using steel fibers reinforced concrete. Actual innovative cases."	Joaquim A.O Barros.	<u>Deacero</u>
03/28	116	"High quality and durability Industrial floors." (Saltillo, Coahuila)	Alejandro Serrano Herrera.	TARRO //CEMEX ( AMNA
04/04	101	"Accelerated building construction using special formwork. Case: Cinépolis & CEMEX."	Juan Miguel Gutiérrez Rodríguez.	//cemex
05/23	104	"Hybrid technology for concrete waterproofing."	Leonado Sánchez Deheza.	Fester
06/20	105	"Sika integral solutions for the Precast industry."	José Manuel Uribe Jiménez.	Jika •
10/26	106	"Quality control of fiber reinforced concrete applied to tunneling"	Carlos Máximo Uribe Untiveros.	EUCLID GROUP EUCOMEX
11/09	113	"Durability and sustainability; key concepts for quality assurance in concrete construction." (Saltillo, Coahuila)	Alejandro Durán Herrera.	CONCRETO AMNA
12/13	109	"A look around the world of cement and the innovative participation of CEMEX in it."	Karla Serrano González.	CEMEX



#### 2018

DATE:	ATENDANCE:	TITLE:	SPEAKER:	SPONSOR:
03/15	89	"Verifi: something more than an automatic system for controlling the slump of ready-mix concrete in transit."	Eduardo Villalobos.	gcp
05/31	90	"Different factors affecting Concrete durability."	Arnold Pacheco García.	Narro CHolcim
06/07	72	"Can concrete have zero cracks? Sika Control NS as a solution to shrinkage of concrete".	Daniel Ramos Rodríguez.	<u>Jika</u> .
08/30	144	"Carbon Fiber Reinforcing of damaged concrete structures after September 19, 2018 earthquake in México, City."	Jorge Esqueda Querol.	MASTER® >>BUILDERS
09/06	75	"Mexican Transportation Institute participation in evaluation and development of new materials for ports infrastructure construction"	Mariela Rendón Belmonte	EUCLID GROUP EUCOMEX

#### **Conference Invitations (Examples):**

May 2017



October 2017



April 2017



#### **Conference Invitations (Examples):**

March 2018



June 2018



#### September 2018



# **SNEM ACI Student Chapters**



## **6 Student Chapters through our Region**

	SALTILLO, COAHUILA	Universidad Autónoma de Coahuila	Facultad de Ingeniería Civil.
			Facultad de Arquitectura
WATTAN HE	TAMPICO, TAMAULIPAS	Universidad Autónoma de Tamaulipas.	Facultad de Ingeniería "Arturo Narro Siller"
THE STATE OF THE S	MONTERREY, NUEVO LEON	Universidad Autónoma de Nuevo León	Facultad de Ingeniería Civil.
THE MARKET OF THE PARTY OF THE	SAN LUIS POTOSÍ, SAN LUIS POTOSI	Universidad Autónoma de San Luis Postosí	Facultad de Ingeniería Civil.
	SALTILLO, COAHUILA	Universidad Autónoma del Noreste	Facultad de Arquitectura

# Student Chapters Developed and Supported in the last years



**COLIMA, COLIMA** (Central / Southern México Chapter)

LA PAZ, BAJA CALIFORNIA SUR (Northwest México Chapter)

#### Highlights:

- There is a huge interest of students in concrete and concrete research.
- In 2017 the First Regional Meeting of Mexican Student Chapters from ACI was held in Hermosillo, Sonora.
- In April 2018 the First National Congress of Mexican Student Chapters from ACI took place in Mérida, Yucatán.



# First Forum of ACI Mexican Student Chapters.



- In October 2018 the UANL will be hosting the First Forum of Student Chapters from ACI México. This Forum will be 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 this 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 are highlights of the event.
- There will be workshops, technical competition and other events for the Students from all around México.
- More than 30 Student Chapters of México will be participating in the Forum as well as in the President's Meeting.
- Expected attendance over 400 Students.
- Information at: http://fic.uanl.mx/enace-aci2018/















# MONTERREY 25/28 OCTUBRE 2018

CONTACTO

◆ aci.snm.fic@uanl.mx ◆ ACI CIVIL ◆ fic.uanl.mx/enace-aci2018 Conferencias Magistrales Competencias Estudiantiles Visitas Técnicas Talleres Foros

# First Forum of ACI Mexican Student Chapters.



#### **PROGRAM:**





# **SNEM ACI Student Chapters**

# American Concrete Institute

#### **Recent Events**





Student Chapter UANL-FIC New President Appointment February, 2018



Excelence Award and Academic "Raymundo Rivera Villarreal Teachers Award" Main Conference 2017

## Certification



### **Certification programs offered at SNEM – ACI Chapter in 2017:**

- 1. Concrete Flatwork Finishing and Technician
- Concrete Field Testing Technician Grade I
- Concrete Construction Special Inspector
- Concrete Strength Testing Technician
- 5. Aggregate Testing Technician Level I
- **6.** Cement Physical Tester.
  - √ 3 members already certified and authorized for the program
- /. Self consolidating concrete. (Implementation i progress)

#### SECCIÓN NORESTE DE MÉXICO DEL INSTITUTO AMERICANO DEL CONCRETO, A.C.



Facultad de Ingeniería Civil, UANL Tel.: P.O. BOX # 17 Cd. Universitaria American Concrete Institute San Nicolás de los Garza, N. L.

EXT: 5145 Inscripciones: contacto@acimexico-snem.org Director de Certificaciones: fdap@live.com.m

#### CALENDARIZACIÓN DE CURSOS DE CERTIFICACIÓN SNEM-ACI.

Técnicos en Estado Fresco Nivel I (Frecuencia: 3/año)			
Sesiones Teóricas (4 h)	Sesiones Prácticas (4 h)	Examen Teórico (1 h)	Examen Práctico (2 h c/u)
16 y 23 Febrero 2018	17 y 24 Febrero 2018	2 Marzo 2018	3 Marzo 2018
5 y 12 Julio 2018	6 y 13 Julio 2018	19 Julio 2018	20 Julio 2018
9 y 16 Nov. 2018	10 y 17 Nov. 2018	23 Noviembre 2018	24 Noviembre 2018

Supervisor de Obras de Concreto (Frecuencia: 1/año)		
Sesiones Teóricas (Sábado)	Examen Teórico (Sábado)	
Agosto 11, 18 y 25, Septiembre 1, 2018	15/Septiembre/2018	

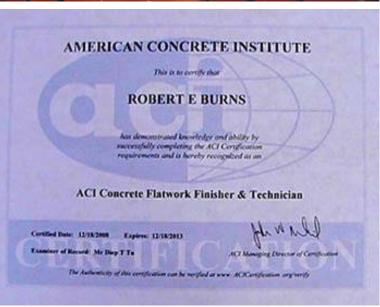
Técnico en Pruebas a Agregados Nivel I (Frecuencia: 2/año)			
Sesiones Teóricas (Viernes) (4 h)	Sesiones Prácticas (Sábado) (4 h)	Examen Teórico (Viernes) (2 h)	Examen Práctico (Sábado) (2 h c/u
9 y 16 Marzo 2018	10 y 17 Marzo 2018	23 Marzo 2018	24 Marzo 2018
28 Sep, y 5 Oct, 2018	29 Sep, y 6 Oct, 2018	12 Octubre 2018	13 Octubre 2018

Concrete Flatwork Technician (Frecuencia: 2/año)		
Sesiones Teóricas (Viernes y Sábado) (4 h c/u)	Examen Teórico (2 h)	
20 y 21 de Abril 2018	4 Mayo 2018	
7 y 8 de Septiembre 2018	22 Septiembre 2018	

Técnico en Pi	ruebas de Resistencia a	al Concreto (Frecuen	cia: 2/año)
Sesión Teórica (Viernes) (4 h)	Sesión Práctica (Sábado) (4 h)	Examen Teórico (Jueves) (2 h)	Examen Práctico (Viernes) (2 h c/u
18 Mayo 2018	19 Mayo 2018	25 Mayo 2018	26 Mayo 2018
19 Octubre 2018	20 Octubre 2018	26 Octubre 2018	27 Octubre 2018

Para más información visite www.facebook.com/snem.aci/

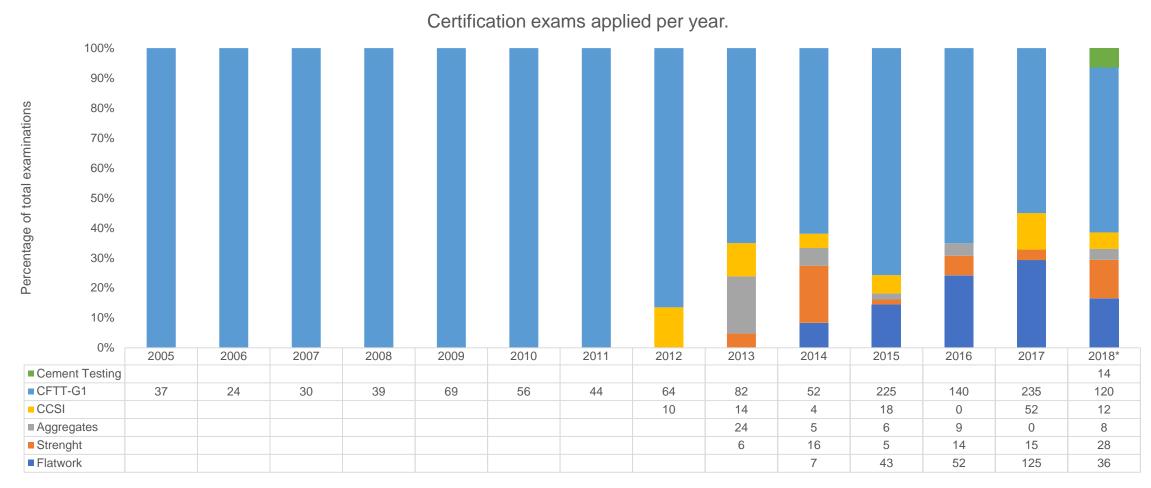




## Certification



#### **Growth rate of our Certification Programs.**



2018\* From January to August.

### Certification



### Development of exclusive students certification program

Under Prof. Alejandro Herrera direction, self developed instructors for the certification programs have been trained.

This instructors are also students of the Civil Engineering Program at the Facultad de Ingeniería Civil UANL.

Suplementary Examinators for this Student Certification Programs are also Students of the Civil Engineering Program FIC-UANL.

With the strong collaboration of the Facultad de Ingeniería Civil UANL we offer the Concrete Field Testing Technician Certificacion Grade I Program, specially developed for Summer students which visit the UANL from other Universities or Countries, under scholarship programs of the Academia Mexicana de Ciencias or Cientific Summer Program "Delfín" (Verano científico Delfin)

YEAR	NUMBER OF STUDENTS EXAMINEES	% OF THE TOTAL EXAMINEES
2014	14	17%
2015	93	31%
2016	84	40%
2017	72	17%



## Web Page:



Our web page is under renovation to have better communication with our members:









# Thank You

#### **Contact information:**

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