

**Primera Escuela de Machine  
Learning e Inteligencia  
Artificial - Universidad de  
Sonora (UNISON)**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Introducción a Machine Learning I

*Thursday 8 August 2019 09:30 (1 hour)*

*Definición de Machine Learning* Introducción a aprendizaje supervisado y no supervisado

**Presenter:** Dr CIRRET, Federico

Contribution ID: 2

Type: **not specified**

## Inauguración

*Thursday 8 August 2019 09:00 (30 minutes)*

Contribution ID: 3

Type: **not specified**

## **Coffe break**

*Thursday 8 August 2019 10:30 (15 minutes)*

Contribution ID: 4

Type: **not specified**

## Introducción a Machine Learning II

*Thursday 8 August 2019 10:45 (45 minutes)*

Algoritmos de aprendizaje supervisado

\* Maquinas de vector soporte

\* Regresion lineal

Algoritmos de aprendizaje no supervisado

\* Clustering

**Presenter:** Dr CIRRET, Federico (Departamento de Ingeniería Industrial, Universidad de Sonora)

Contribution ID: 5

Type: **not specified**

## Clasificadores I

*Thursday 8 August 2019 11:30 (1 hour)*

1.- Vecinos más cercanos

**Presenter:** ROSE GÓMEZ, MC. Cesar Enrique (Instituto Tecnológico de Hermosillo (ITH))

Contribution ID: 6

Type: **not specified**

## Comida

*Thursday 8 August 2019 12:30 (2 hours)*

Contribution ID: 7

Type: **not specified**

## Clasificadores II

*Thursday 8 August 2019 14:30 (1 hour)*

1.- Árboles de decisión

**Presenter:** ROSE GÓMEZ, MC. Cesar Enrique (Instituto Tecnológico de Hermosillo (ITH))



Contribution ID: **8**

Type: **not specified**

## **Coffe break**

*Thursday 8 August 2019 15:30 (30 minutes)*

Contribution ID: 9

Type: **not specified**

# Tutoriales I

*Thursday 8 August 2019 16:00 (1h 30m)*

**Presenter:** Dr TORRES PERALTA, Raquel (Departamento de Ingeniería Industrial-UNISON)

Contribution ID: **10**

Type: **not specified**

# Inteligencia Artificial I

*Friday 9 August 2019 09:00 (1 hour)*

Introducción a la Inteligencia Artificial  
Redes Neuronales

**Presenter:** Dr BENÍTEZ BALTZAR, Victor Hugo (Departamento Ingeniería Industrial, Universidad de Sonora)

Contribution ID: **11**

Type: **not specified**

## **Coffe break**

*Friday 9 August 2019 10:00 (15 minutes)*

Contribution ID: 12

Type: **not specified**

## Inteligencia Artificial II

*Friday 9 August 2019 10:15 (45 minutes)*

1.- Redes neuronales adaptativas

**Presenter:** Dr BENÍTEZ BALTAZAR, Victor Hugo (Departamento de Ingeniería Industrial, Unison)

Contribution ID: 13

Type: **not specified**

## Inteligencia Artificial III

*Friday 9 August 2019 11:00 (1 hour)*

Lógica difusa

**Presenter:** Dr CARLOS ALBERTO, Reyes García (Instituto Nacional de Astrofísica, Óptica Y Electrónica)

Contribution ID: **14**

Type: **not specified**

## **Lunch**

*Friday 9 August 2019 12:00 (2h 30m)*

Contribution ID: 15

Type: **not specified**

## Inteligencia Artificial IV

*Friday 9 August 2019 14:30 (1 hour)*

Algoritmos genéticos

**Presenter:** REYES GARCÍA, Carlos Alberto (Instituto Nacional de Astrofísica, Óptica Y Electrónica)



Contribution ID: **16**

Type: **not specified**

## **Coffe break**

*Friday 9 August 2019 15:30 (30 minutes)*

Contribution ID: 17

Type: **not specified**

# Tutoriales I

*Friday 9 August 2019 16:00 (1h 30m)*

**Presenter:** Dr BENITÉZ BALTAZAR, Victor Hugo (Departamento de Ingeniería Industrial-UNISON)

Contribution ID: **18**

Type: **not specified**

## **Introducción a CMS-CERN**

*Saturday 10 August 2019 09:00 (30 minutes)*

**Presenter:** Dr TAPIA TAKAKI, Daniel (University of Kansas, Universidad de Sonora)

Contribution ID: **19**

Type: **not specified**

## **Coffe break**

*Saturday 10 August 2019 11:00 (30 minutes)*

Contribution ID: **20**

Type: **not specified**

## **CMS Open Data: Hands on**

*Saturday 10 August 2019 09:30 (1h 30m)*

**Presenter:** Dr PEDRO, González Zamora (Departamento de Ingeniería Industrial, Universidad de Sonora)

Contribution ID: 21

Type: **not specified**

## **Seminario: Machine Learning en el CERN (video conferencia)**

*Saturday 10 August 2019 11:30 (1 hour)*

Contribution ID: 22

Type: **not specified**

## **Clausura**

*Saturday 10 August 2019 12:30 (15 minutes)*

Contribution ID: 23

Type: **not specified**

## Tutoriales II

*Thursday 8 August 2019 17:40 (1h 20m)*

**Presenter:** ROSE GOMEZ, MC. Cesar Enrique (Instituto Tecnológico de Hermosillo)



Contribution ID: 24

Type: **not specified**

## **Tutoriales II**

*Friday 9 August 2019 17:40 (1h 20m)*

**Presenter:** Dr REYES GARCÍA, Carlos Alberto (INAOE)