



DOCTORADO EN INGENIERÍA

Resolución No. 363 del 14 de Enero de 2016 y 06295 del 6 de Abril del
2016 Vigencia 7 años. Código SNIES: 105180

#**INNOVATION**
**CAMP**
SUMMER
2020

PROGRAM

-  AUTOMATIC LINE ORANGE
-  INFORMATIC LINE BLUE

Friday 12th of June

HOUR

7:30AM



Opening Guest

Managing Director

Dr. José Luis Rodríguez Sotelo

8:00AM

Central Conference

Dr. Alvaro Arenas

THE OPPORTUNITY OF OPEN INNOVATION.

Professor of Information Systems and Information Security. Head of Information Systems and Technology Department. IE Business School, IE University. Madrid, Spain.



AUTOMATIC RESEARCH LINE

9:00AM

VIRTUAL REALITY BASED SYSTEM FOR THE APPLICATION OF PSYCHOMETRIC BATTERY IN THE DETECTION OF AUTISM SPECTRUM DISORDER (ASD) INDICATORS.

Laura Rocío Giraldo Torres
Doctoral Project I



9:30AM

DEVELOPMENT OF TOOLS FOR TEACHING ARTIFICIAL INTELLIGENCE TO CHILDREN AND ADOLESCENTS.

Eduardo Orozco Otero
Doctoral Project II



10:00AM

SENSOR FUSION FOR SIMULTANEOUS TRACKING AND CLASSIFICATION OF MULTIPLE OBJECTS IN DYNAMIC ENVIRONMENTS.

Nicolas Llanos Neuta
Doctoral Project II



INFORMATICS RESEARCH LINE

10:30AM

KNOWLEDGE MANAGEMENT MODEL FOR MAKING DECISION IN RESEARCH AND DEVELOPMENT PRODUCTS OF AGRICULTURE SECTOR.

Leidy Yohana Flórez Gómez
Doctoral Project I



11:00AM

SMART MONITOR FOR E-HEALTH SUPPORTED IN INTERNET OF THINGS IOT.

Martha Fabiola Contreras Higuera
Doctoral Project II



11:30AM

DEEP GENERATIVE NETWORKS FOR ERROR CORRECTION IN SATELLITE IMAGES.

Paola Andrea Zarate
Doctoral Project II



PROGRAM

Friday 12th of June

HOUR

12:00m
2:00PM



Central Conference

Dr. Pedro Amorim

2:00PM

BUSINESS ANALYTICS IN AN UNCERTAINTY ERA: A MARKETING-OPERATIONS PERSPECTIVE.

Professor at the Faculty of Engineering of University of Porto Head of the Industrial Engineering and Management at INESC Co-Founder of LTPlabs .



ENERGY RESEARCH LINE

3:00PM

MICROBIAL COMMUNITY ANALYSIS FOR BIOGAS YIELD PRODUCTION ENHANCEMENT USING NEURAL NETWORKS SYSTEMS.

Iván Mauricio Ostos Rojas
Doctoral Project I



3:30PM

DIAGNOSIS OF PHOTOVOLTAIC MODULES ON SITE USING ARTIFICIAL INTELLIGENCE TECHNIQUES.

Jorge Luis Pincay Lozada
Doctoral ProjectII



4:00PM

DESCRIPTION OF LOCAL DRIVING PATTERNS

Jessica Gissella Maradey Lázaro
Doctoral Project II



4:30PM

BENEFIT SYSTEM FOR SPECIAL COFFEES, OPERATED WITH PHOTOVOLTAIC SOLAR ENERGY, GUARANTEING THE QUALITY OF THE GRAIN IN CUP.

Juan Manuel Jaramillo T
Doctoral Project II



5:00PM



Closing Time

Press Conference





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Resolución de Acreditación de Alta Calidad
10820 del 25 de Mayo de 2017 vigencia 6 años



VIGILADA MINEDUCACIÓN

Resolución de Acreditación de Alta Calidad
005527 del 6 de Septiembre de 2015 vigencia 6 años



ACREDITACIÓN
INSTITUCIONAL
DE ALTA CALIDAD

RESOLUCIÓN 9527
MINEDUCACIÓN DEL 6 DE 2015