

Áreas Temáticas / Líneas De Investigación

AREA TEMATICA				
COMPUTACION	CIENCIA COGNITIVA	CIENCIA DE DATOS	PLATAFORMA TIC	CIENCIA DE SISTEMAS
Algoritmos y modelos de computación	Interacción Humano Computador, Sentidos y Procesamiento Natural	Information Visualization, statistical graphics and thematic cartography	Telecommunication, Advanced communications, National Telecommunicarions	Systems of Systems (SoS) / Collaborative Innovation / System Dynamics
Ingeniería de Software	Cognitive Systems, Human Behavior, Cognitive Neuroscience.	Machine Learning(ML), Deep learning and statistical modeling	Chatbots, Digital signal processing, Speech Signal Processing	Digital transformation of business models / Improving customer experience / Improved IT systems and processes
Computación gráfica e imágenes	Smart mobility, High Tech Systems (new robotics innovations)	Big Data Analytics, Machine Learning and Neural Networks, Big Data Interoperability for Cloud Systems	Seguridad Digital / Cyber-security/Cyber-crime National Cyber Strategy	Gobierno Digital / Society 5.0 / Human Capital Development
Internet de las Cosas(IOT) Computación ubicua	Intelligent Systems/Knowledge Management	Social networks and Social media, Information extraction and knowledge base population	Infraestructura de TI / Cloud system migration / Data centers / Grid Computing / Parallel & Distributed Operating Systems	Urban planning systems / Sustainable development / Disaster response tools and systems

LINEAS DE INVESTIGACIÓN