

# IMPULSO A LA TECNOLOGÍA BLOCKCHAIN EN LAS PYMES DESDE LOS DIHS

Foro nacional BLOCKCHAIN para PYMES y emprendedores

13 de Marzo de 2019

# ¿QUÉ ES UN DIH?

- Ecosistema regional multi-socio
- Ventanillas únicas de apoyo a las empresas
- Soporte en la digitalización de la industria
- Soporte en financiación y mercado

Latest news: MIT reshapes itself to shape the future



ABOUT ▾ MEMBERS SERVICES RESOURCES ▾ EVENTS ▾ SUCCESS CASES TRAINING NEWS



# IOT DIGITAL INNOVATION HUB

BECOME A MEMBER

Javier Prieto  
IoT Digital Innovation Hub

# COORDINACIÓN



FED. DE ASOC. DE EMPRESAS DE  
TECNOLOGÍAS DE LA INFORMACIÓN,  
COMUNICACIONES Y ELECTRÓNICA DE  
CASTILLA Y LEÓN <





## TECHNOLOGICAL DIAGNOSTICS ON IOT

The IoT DIH has standardized a methodology to carry out technical diagnostics to SMEs to assist them in the development of new products and services based on IoT (in the case of ICT SMEs) and in the adoption of IoT technologies in their internal processes (in the case of industrial SMEs).

## DEVELOPMENT OF INNOVATION PROJECTS

The IoT DIH puts together different players in the IoT ecosystem to collaborate in research and innovation projects with the aim of increasing the competitiveness of SMEs. The IoT DIH yearly collaborates in more than 20 projects in collaboration with companies for the digitalization of their processes.

## TRAINING

The IoT DIH has established different training programs to increase the digital skills of SMEs. Training at IoT DIH ranges from specialized courses dedicated to SMEs' employees focused on industry digitalization to master's degrees in Industry 4.0 in collaboration with the University of Salamanca. In addition, some courses are combined with internships in companies to improve the digital skills on Industry 4.0.

## TECH-ENTREPRENEURIAL ECOSYSTEM

The IoT DIH offers a benchmark event for the international tech-entrepreneurial ecosystem: showcasing startups and providing them with the right connections (Accelerators, Investors, Public Administrations, Policy-Makers, Universities, Talent, etc.); and a forum where startups can share experiences and develop synergies so that they can grow together.

## ACCESS TO FUNDING OPPORTUNITIES

The IoT DIH provides support and advise for SMEs so that they can have an easier access to funding sources for innovative projects:

1. by promoting R&I consortia to apply to public/private funding calls for the adoption of digital technologies;
2. by participating in cascade funding projects launching calls for the digitalization of SMEs;
3. by organizing mentoring and networking events where funding sources are explained.

## PROMOTION OF IOT TECHNOLOGIES

We regularly organize events for the digitalization of the industry where SMEs and large enterprises can share ideas, acquire new knowledge about the latest advances on IoT for companies, establish contact with other companies, learn different success cases of the use of IoT technologies...

## TECHNICAL ADVISE AND MENTORING

The IoT DIH provides technical advise and mentoring to SMEs on the adoption of IoT in their processes and services. For example, the IoT DIH is member of the Industry 4.0 working group of the regional industry association of the agro-food sector (Vitartis) where it provides advise for the digitalization of the member companies.

## ACCESS TO LABORATORIES AND EQUIPMENT

The IoT DIH provides access to research and development laboratories and high-performance equipment where SMEs can test their solutions, acquire knowledge on IoT and assess practical cases. It includes: an IoT lab, showroom, 3D printers...

# IOTEC

- Fomento de IoT como herramienta competitiva.
- Diagnósticos tecnológicos a PYMEs TIC e industriales.
- Formación y asesoramiento.
- Eventos de matchmaking.



# IoT y blockchain para la mejora de la competitividad de las PYMEs

**Programa**

- 15:00-15:30: Registro
- 15:30-17:30: Fabricando Ideas: FabLabs y Espacios de Fabricación Digital - Taller práctico y demostración
  - FABLAB Salamanca
- 17:30-17:50: Café networking
- 17:50-18:00: Presentación jornada y proyecto IOTEC
  - Juan Manuel Corchado, Universidad de Salamanca
- 18:00-19:00: Blockchain, fundamentos y aplicaciones - Ponencias y mesa redonda
  - José Alberto García Coria, ViewNext
  - Alejandro Enrique Castro Robredo, Everis
  - Manuel Martín Portillo, Indra
- 19:00-20:00: IoT en la industria tradicional a través de tejidos inteligentes - Charla y demostración
  - Sergio Márquez, Educatibot

**Fecha y hora**

15 de Febrero 2018  
15:00 a 20:00h

**Lugar**

Edificio I+D+i  
Calle Espejo s/n, Salamanca  
Entrada libre hasta completar aforo

**¡Participa en este evento!**

Para más info, escribir a:  
[iotec.usal.es](mailto:iotec.usal.es)

Este proyecto ha sido financiado por el fondo europeo de desarrollo regional (FEDER) en el marco del programa Interreg V-A España-Portugal 2014-2020 (PocIep) Proyecto: IOTEC- Desarrollo de Capacidades Tecnológicas en torno a la Aplicación Industrial de Internet de las Cosas (REF: 0123\_IOTEC\_3\_B)

# JORNADA: Oportunidades de negocio a través de Internet of Things (IoT) y Blockchain

VALLADOLID, 14 DE NOVIEMBRE DE 2018

**INSCRÍBETE**

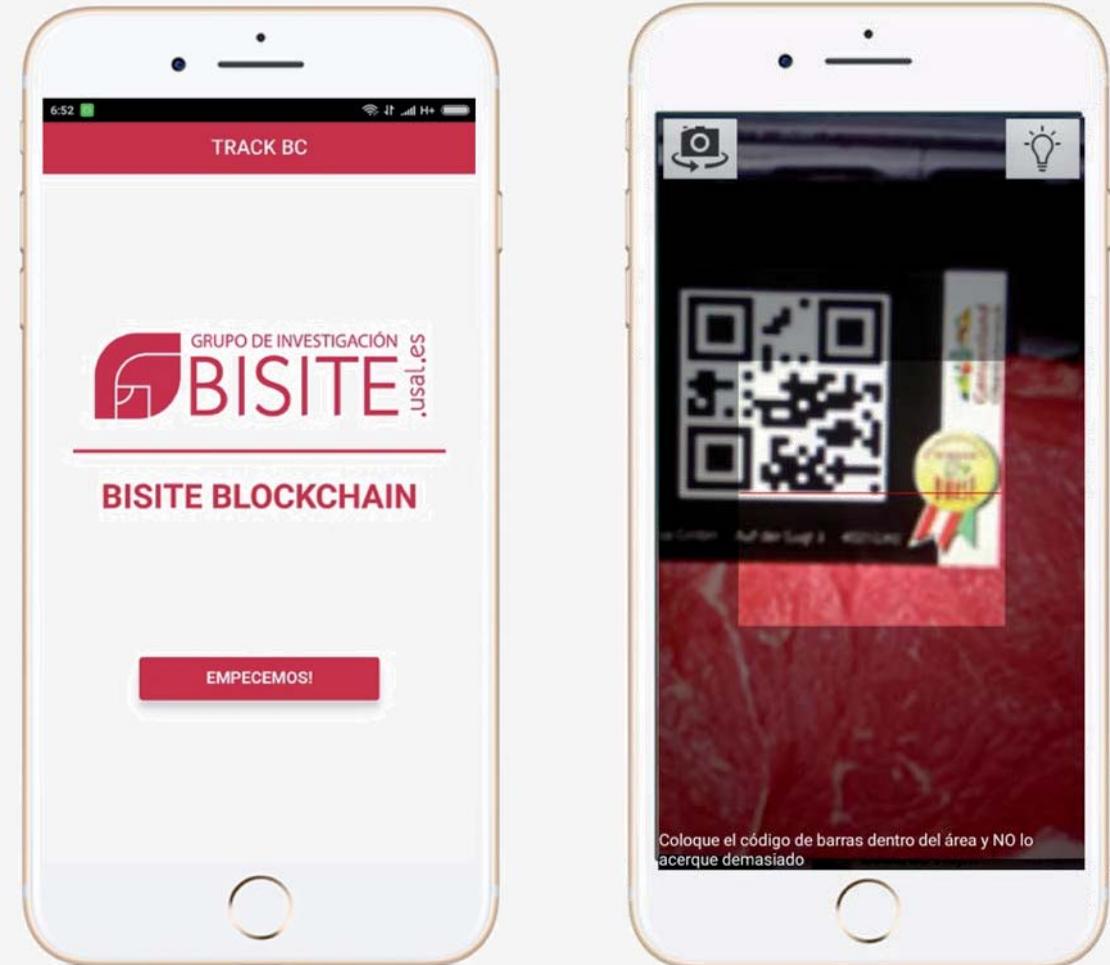
# APLICACIONES DE BLOCKCHAIN EN PYMES

- Mantener la confianza del consumidor.
- Revalorizar el producto.
- Aumentar la transparencia.
- Fácil acceso a la información.



# APLICACIONES DE BLOCKCHAIN EN PYMES

- TRAZABILIDAD COMO VALOR AÑADIDO PARA EL CONSUMIDOR O CLIENTE



# APLICACIONES DE BLOCKCHAIN EN PYMES

## ■ TRAZABILIDAD EN LA CADENA LOGÍSTICA



■ **Contrato inteligente**



■ **Registro de eventos**



■ **Ejecución y transferencia de valor**



■ **Liquidación**

# APLICACIONES DE BLOCKCHAIN EN PYMES

FINTECH

HCE

ESCO

CIBSERSEGURIDAD

DaaS

OTRAS

# Spain SALAMANCA

World Heritage City UNESCO

## STARTUP OLÉ 2019

26<sup>th</sup> - 28<sup>th</sup> March 2019 with over 850 startups - Salamanca, SPAIN

Don't Miss the Opportunity!

The screenshot displays the BISITE website interface. At the top, there is a navigation bar with social media icons (Facebook, Twitter, LinkedIn, YouTube, Google+, Instagram, RSS) and a language selector set to 'Español - Internacional (es)'. On the right of the navigation bar, it says 'Usted no se ha identificado. (Acceder)'. The main header features the 'CAMPUS BISITE .usal.es' logo on the left and the 'VNIVERSIDAD DE SALAMANCA' and 'GRUPO DE INVESTIGACIÓN BISITE .usal.es' logos on the right. The central content area is divided into two main sections: 'ENTRAR' (Login) and 'CATEGORÍAS' (Categories). The 'ENTRAR' section includes a form with fields for 'Nombre de usuario' and 'Contraseña', a 'Recordar nombre de usuario' checkbox, and an 'Acceder' button. Below the form is a link for '¿Ha extraviado la contraseña?'. The 'CATEGORÍAS' section lists various master's degrees: 'Master en Blockchain', 'Máster en Internet de las Cosas', 'Máster en Animación Digital', 'Máster en Sis. de Información', 'Máster en Seguridad', 'Máster en Social Media', 'Máster en Telefonía Móvil', 'Máster en Recursos-TIC', 'Experto en Gestión Laboral', and 'Experto en Documentoscopia'. To the right of the categories is a grid of six master's degree program cards, each with a colored header and a white footer containing the location and website URL. The cards are: 1. 'MÁSTER EN TECNOLOGÍAS APLICADAS A LA INDUSTRIA 4.0' (Sede en Madrid, [industria4.usal.es](http://industria4.usal.es)); 2. 'MÁSTER EN GESTIÓN DE PROYECTOS' (Sede en Madrid, [gestion-proyectos.usal.es](http://gestion-proyectos.usal.es)); 3. 'MÁSTER EN SMART CITIES & INTELLIGENT BUILDINGS' (Sede en Madrid, [smartcities.usal.es](http://smartcities.usal.es)); 4. 'MÁSTER EN SISTEMAS HIGH-END CORPORATIVOS: Z-SYSTEM' (Sede en Madrid, [z-system.usal.es](http://z-system.usal.es)); 5. 'MÁSTER EN BLOCKCHAIN' (Sede en Madrid, [blockchain.usal.es](http://blockchain.usal.es)); 6. 'MÁSTER EN ANIMACIÓN DIGITAL' (Sede en Salamanca, [animaciondigital.usal.es](http://animaciondigital.usal.es)).

# DIHELP



European Parliament

## DIH Academy

~9 Month

### DIH Academy Conference

3-day kick-off conference with all participating DIHs in Brussels



Learn about digital innovation management approaches to support SMEs



Gain confidence in applying digital innovation management approaches



Develop network of sustainable DIHs



Provision of high-quality training material – guidelines, manuals/handbooks, templates, etc.

### Individual on-site Coaching

2-day personalized on-site workshop with tangible results (e.g. action plan and business plan)

1-day regional workshop to engage the stakeholder network

### DIH Academy virtual Backoffice

Regular webinars on relevant topics for thematic deep-dives and inspiration

E-learning portal for flexible, individual learning opportunities

Virtual on-demand coaching sessions to discuss individual issues



¡GRACIAS!

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BECOME A MEMBER