

# Smart Green Island Makeathon 2023

01.03.2023 – 04.03.2023

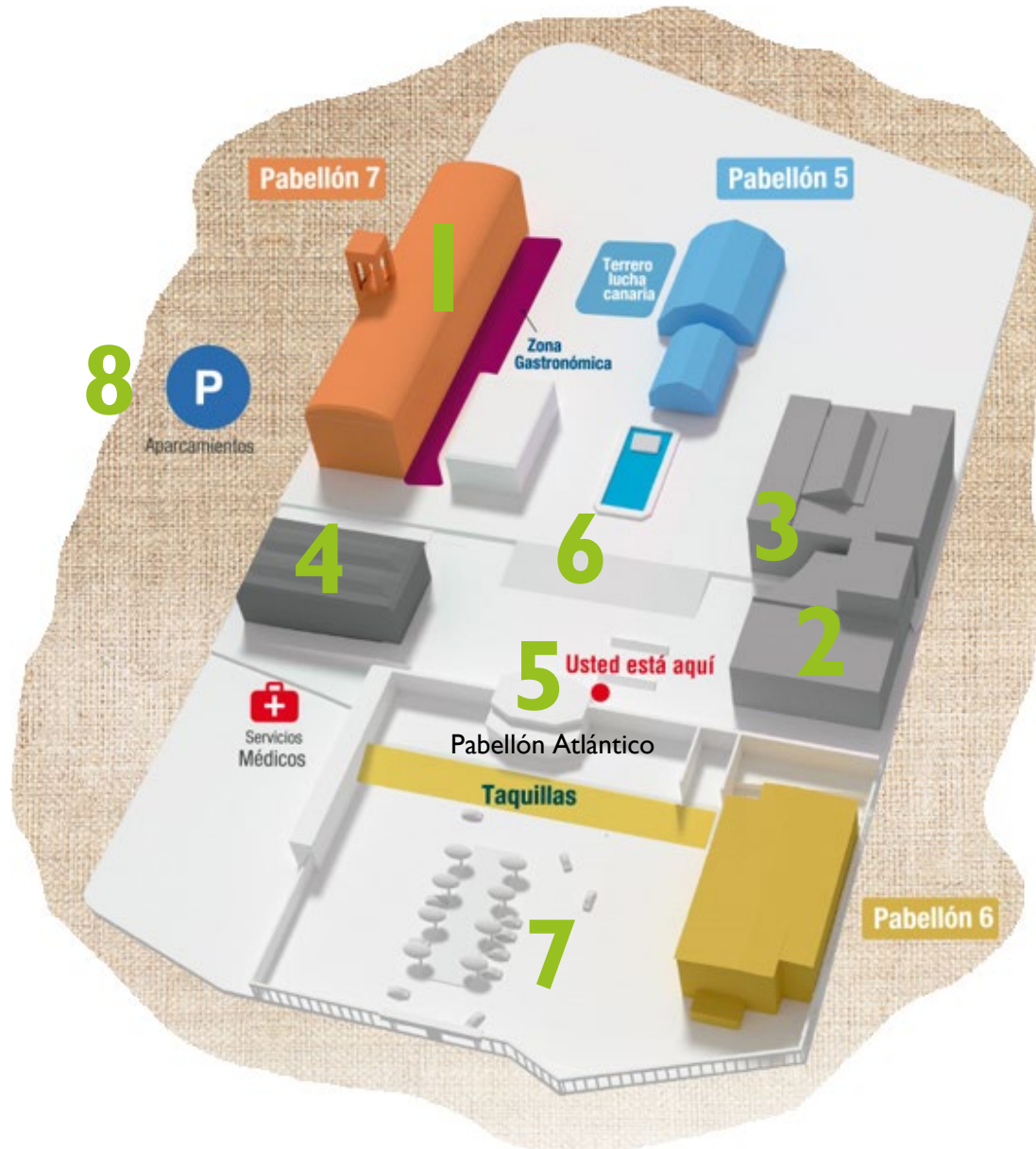


**SMART  
GREEN**  
ISLAND

**ITQ**

competence in mechatronics  
software and systems engineering

# INFECAR Location



1. **Pabellón 7**
  - Making & Hacking
2. **Palacio de Congresos**
  - Opening & Final Presentations
3. **INCUBE Building**
  - Company meets Gran Canaria
4. **CDTIC**
  - Sponsor Technical Workshops
  - Daily Presentations
  - Meet & Greet
  - LEGO, Brush Robot, Robot & 3D Printing Workshops
5. **Pabellón Atlántico**
  - Check in
6. **Outside Area**
  - Relaxing & Come Together
7. **Parking**
8. **Parking (external)**

# AGENDA

**01.-04.03.2023, Las Palmas | Gran Canaria**

**Location: Av. de la Feria, 1, 35012 Las Palmas de Gran Canaria**

# Agenda – Tuesday, 28.02.2023



## Smart Green Island Makeathon 2023

Time	Topic	Where
18:00 – 20:00	Early Check in	Pabellón Atlántico

## Please Pay Attention:

**Because of the large number of participants, “Early Check in” on the previous evening would be very helpful**

# Agenda – Wednesday, 01.03.2023



## Smart Green Island Makeathon 2023

Time	Topic	Who	Where
08:30 – 10:00	Check in	All	Pabellón Atlántico
10:00 – 10:30	Opening Speech: <ul style="list-style-type: none"><li>▪ Cabildo de Gran Canaria</li><li>▪ Fundación Sergio Alonso</li><li>▪ Fundación Sergio Alonso</li></ul>	Raul Garcia Brink (Cabildo) Claudio Alonso Rohner (FSA) Nayra Moreno Morales (FSA)	Palacio de Congresos
10:30 – 10:50	Why we do Makeathons?	Dr. Rainer Stetter (ITQ)	Palacio de Congresos
10:50 – 11:15	Welcome & Industry Challenges Platinum Sponsors: <ul style="list-style-type: none"><li>▪ B&amp;R</li><li>▪ Beckhoff</li><li>▪ igus</li><li>▪ Murrelektronik</li></ul>	Patrick Haberstroh (B&R) Stefan Lorenz (Beckhoff) Alexander Muehlens (igus) Sebastian Pfestorf (Murrelektronik)	Palacio de Congresos
11:15 – 11:30	Industry Challenges Gold Sponsors	Dr. Rainer Stetter (ITQ)	Palacio de Congresos
11:30 – 11:45	Makeathon Introduction	Jonas Fischer & Stefan Zombori	Palacio de Congresos
11:45 – 12:00	Introduction Social Media Approach	Anis Kossentini	Palacio de Congresos
<b>12:00 – 12:30</b>	<b>Group Foto with all Participants and Partners</b>	<b>All</b>	<b>Palacio de Congresos</b>



# Agenda – Wednesday, 01.03.2023

## Smart Green Island Makeathon 2023

Time	Topic	Who	Where
12:30 – 13:30	Speed Dating with Partners and Teams	All	Pabellón 7
<b>13:30 – 14:15</b>	<b>Lunch</b>	<b>All</b>	<b>Pabellón 7 and Outside Area</b>
14:15 – 18:30	Brainstorming/Teambuilding	All	Pabellón 7
14:30 – 18:15	Workshops	(Voluntary)	CDTIC
<b>18:30 – 19:15</b>	<b>Team Status Presentations &amp; Day Overview – Part I</b>	<b>Teams Part I</b>	<b>CDTIC</b>
<b>19:15 – 20:00</b>	<b>Team Status Presentations &amp; Day Overview – Part II</b>	<b>Teams Part II</b>	<b>CDTIC</b>



# Agenda – Thursday, 02.03.2023



## Smart Green Island Makeathon 2023

Time	Topic	Who	Where
<b>09:00 – 10:00</b>	<b>Day Planning &amp; Coffee</b>	<b>All</b>	<b>Pabellón 7</b>
10:00 – 10:30	Standup	Representative of the Teams	Outside Area
10:00 – 13:00	Making & Hacking	All	Pabellón 7
10:30 – 12:00	Workshops	(Voluntary)	CDTIC
<b>12:00 – 13:00</b>	<b>On Site Visit – President of Cabildo de Gran Canaria</b>	<b>Antonio Morales</b>	<b>Pabellón 7</b>
<b>13:00 – 14:00</b>	<b>Lunch</b>	<b>All</b>	<b>Pabellón 7 and Outside Area</b>
14:00 – 19:00	Making & Hacking	All	Pabellón 7
14:00 – 15:00	Companies meets Gran Canaria	Companies (Sponsors, SPEGC, Cabildo GC)	INCUBE Building
16:15 – 17:15	Livestream & Discussion: Interviews on the Subject – <i>MAKEATHON &amp; EDUCATION 4.0</i> “How to secure Young Talents for the Future?”	team:mt (Martina Manich, Dr. Rainer Stetter & Friends)	CDTIC
<b>19:00 – 19:30</b>	<b>Team Status Presentations &amp; Day Overview – Part I</b>	<b>Teams Part I</b>	<b>CDTIC</b>
<b>19:30 – 20:00</b>	<b>Team Status Presentations &amp; Day Overview – Part II</b>	<b>Teams Part II</b>	<b>CDTIC</b>

# Agenda – Friday, 03.03.2023

## Smart Green Island Makeathon 2023

Time	Topic	Who	Where
09:00 – 10:00	<i>Day Planning &amp; Coffee</i>	<i>All</i>	<i>Pabellón 7</i>
10:00 – 10:30	Standup	Representative of the Team	Outside Area
10:00 – 13:00	Making & Hacking	All	Pabellón 7
13:00 – 14:00	<i>Lunch</i>	<i>All</i>	<i>Pabellón 7 and Outside Area</i>
14:00 – 19:00	Making and Hacking	All	Pabellón 7
14:00 – 15:00	Professors meets Professors & Companies: <i>„Indo Euro Synchronization introducing cooperation opportunities with India“</i>	Local/Int. Professors & Companies Raj Vangapandu	CDTIC





# Agenda – Friday, 03.03.2023

## Smart Green Island Makeathon 2023

Time	Topic	Who	Where
17:00 – 17:30	Workshop – How to structure your Pitch?	Representative of the Team	CDTIC
19:00 – 19:30	<b>Team Status Presentations &amp; Day Overview – Part I</b>	<b>Teams Part I</b>	<b>CDTIC</b>
19:30 – 20:00	<b>Team Status Presentations &amp; Day Overview – Part II</b>	<b>Teams Part II</b>	<b>CDTIC</b>



# Agenda – Saturday, 04.03.2023

## Smart Green Island Makeathon 2023

Time	Topic	Who	Where
<b>09:00 – 10:00</b>	<b>Day Planning &amp; Coffee</b>	<b>All</b>	<b>Pabellón 7</b>
10:00 – 10:30	Standup	Representative of the Team	Outside Area
10:00 – 13:00	Making & Hacking	All	Pabellón 7
13:00	Deadline for uploading Presentations	All	Pabellón 7
<b>13:00 – 14:00</b>	<b>Lunch</b>	<b>All</b>	<b>Pabellón 7 and Outside Area</b>
14:00 – 15:00	Exhibition Tour of Demonstrators	All	Pabellón 7
<b>15:00 – 15:30</b>	<b>Group Foto with all Participants and Partners</b>	<b>All</b>	<b>Parking 6</b>
15:30 – 18:00	Final Pitches	All	Palacio de Congresos
<b>18:00 – open</b>	<b>Get Together</b>	<b>All</b>	<b>Pabellón 7 and Outside Area</b>



# Overview Technical Workshops

Smart Green Island Makeathon 2023

# Technical Workshops



## Smart Green Island Makeathon 2023

Wednesday March 1th 2023

Time	Topic	Who	Where
14:30 – 15:15	How to create innovative Ideas – Methods and Examples	Murrelektronik (Sebastian Pfestorf)	CDTIC
15:15 – 16:00	How to use Stepper Drives	B&R (Markus Straßer)	CDTIC
16:00 – 16:45	TwinCAT – State of Automation Software	Beckhoff (Karsten Schätzle)	CDTIC
16:45 – 17:15	Programming an igus robot in 15 minutes	igus (Niklas Schröder)	CDTIC
17:15 – 17:45	Vishay Sensors for Water Quality Detection	Vishay (Tassilo Gernandt & Jürgen Gewinner)	CDTIC
17:45 – 18:15	Machine Vision as an important Enabler for Smart Solutions	MVTec (Michael Bellmann & Lukas Ranftl)	CDTIC

# Technical Workshops

## Smart Green Island Makeathon 2023

Thursday March 2 th 2023

Time	Topic	Who	Where
10:30 – 11:15	Fast prototyping using Model-Based Design to integrate AI on (low-cost) hardware	MathWorks (Rainer Mümmler & Conrado Ramirez Garcia)	CDTIC (Remote)
11:15 – 12:00	3D Printing Workflow	ITQ (Leon Hostlowsky)	CDTIC (Large Screen)





See you soon...

