

# RUN-EU RESEARCH CHALLENGE SAP DESIGN ID+

**10-14.JUL.2023**

## SAP OVERVIEW

This SAP Research Challenge aims to promote the development of in-person R&D activities focused on the field of Design (ID+I). The SAP programme is divided into two components: training and group research. The training component will be based on short thematic talks taught by experts. Project coordinators presenting current projects. Also, we will have training in basic research components namely, Research Methodologies, Data Analysis, Scientific Writing, Preparation of Scientific Pitches, and Funding Opportunities.

Concerning the research component (designated as Hands-On), young researchers will be incorporated into projects currently being executed at IPCA R&D units and challenged to carry out a short-term R&D project oriented towards the project's goals. In addition to research activities, young researchers will participate in scientific discussion sessions among the various members of IPCA R&D units, designated as Journal Club. Finally, all students must prepare an oral presentation of the projects developed in the scientific communication sessions of IPCA R&D units.

## LEARNING OUTCOMES

At the end of this RUN-EU SAP, participants will be able to:

- Understand the basics of research methodologies;
- Receive advanced training in emergent design methodologies and trends;
- Improve transversal and soft skills through teamwork and cooperative project methodology;
- Improve innovative thinking in cooperation with others to achieve a common goal;
- Experience a multicultural international environment.

**+INFO:** [www.run-eu.eu](http://www.run-eu.eu)

Organised by: IPCA and TUS

**DATE** From **10 to 14 July 2023**

Face-to-Face Week: IPCA, Barcelos, Portugal 10-14 July

**MODE OF DELIVERY** Presential

**LANGUAGE OF INSTRUCTION** English

**ECTS CREDITS** 1

**ACADEMIC RECOGNITION**

To be defined by each Home Institution.

## ELIGIBLE PARTICIPANTS

Students from design, art, audiovisuals and product development. No pre-skills are required, and the program is suitable also for any other student program.

## HOW TO APPLY

Fill in the application form (**QR or website**)



## DEADLINE FOR APPLICATIONS

**20 June 2023**

## CONTACT DETAILS

[idmais\\_poloipca@ipca.pt](mailto:idmais_poloipca@ipca.pt)



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## SELECTION CRITERIA

The candidates will be selected according to the CV and motivation. Priority will be given to students who are developing research at a master's or PhD level and to students involved in the IPCA Summer Schools. A maximum of 35 students will be selected for this programme.

## LEARNING AND TEACHING STRATEGY

The teaching strategy is based on project work, problem-based learning and have an exploratory approach. Each student will select a research theme from a set of pre-defined topics and each student will receive mentoring from senior research. The students work in multi-cultural international groups.

## COURSES LEADERS | LECTURERS

### Courses leaders

Paula Tavares (ID+ IPCA)

Jorge Brandão Pereira (ID+ IPCA)

### Coaches | Lecturers

Demétrio Matos (ID+ IPCA)

Nuno Martins (ID+ IPCA)

Marta Madureira (ID+ IPCA)

Miguel Terroso (ID+ IPCA)

José Raimundo (ID+ IPCA)

More TBD

Siobhan Moane (TUS)

Patrick Murray (TUS)

## PHYSICAL MOBILITY | SCHOLARSHIPS AVAILABLE

### Flows/Institution

Flows/Institution. Applicant selection aims for wide representation of partner institutions implying a maximum of 5 students per university.

## PREREQUISITES

No specific prerequisites.

## MEANS AND CRITERIA FOR ASSESSMENT

All students will be organized in groups. Each group will realize a final presentation/demonstration of the developed work.

## CERTIFICATION

The participants who successfully complete this RUN-EU SAP will receive a Certificate of Participation and a Transcript of Records jointly issued by the organising institutions.



SHORT  
ADVANCED  
PROGRAMME

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## PROGRAMME AT A GLANCE

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GMT+2	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00	19h00	20h00
GMT+1	9h00	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00	19h00
GMT	8h00	9h00	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00
<b>MONDAY 10/07</b>			WELCOMING CEREMONY ICE BREAKING ACTIVITY COFFEE BREAK	R&D TALKS	LUNCH	VISIT TO R&D LABS SAP RESEARCH CHALLENGE	RESEARCH METHODOLOGIES				
<b>TUESDAY 11/07</b>			SCIENTIFIC WRITING COFFEE BREAK	DESIGN THINKING METHODOLOGIES	LUNCH	INTRODUCTION TO RESEARCH INTEGRATY AND INTELCTUAL POLICY	WORKING GROUP				
<b>WEDNESDAY 12/07</b>			DATA ANALYSIS COFFEE BREAK		LUNCH	R&D WORKSHOP 1	WORKING GROUP				
<b>THURSDAY 13/07</b>			SCIENTIFIC PITCH GUIDELINES FUNDING OPPORTUNITIES COFFEE BREAK	R&D WORKSHOP 2	LUNCH	R&D TALKS	CULTURAL PROGRAM ORGANIZED BY IPCA STUDENTS COUICL				
<b>FRIDAY 14/07</b>			R&D WORKSHOP 3 COFFEE BREAK	WORKING GROUP	LUNCH	WORKING GROUP	ASSESSMENT FINAL PRESENTATION				



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10 JUL			MONDAY 9H00-16H30 GMT								
GMT+2	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00	19h00	20h00
GMT+1	9h00	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00	19h00
GMT	8h00	9h00	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00
MONDAY 10/07			REGISTRATION/WELCOME ICE BREAKING ACTIVITY COFFEE BREAK	R&D TALKS	LUNCH	VISIT TO R&D LABS SAP RESEARCH CHALLENGE	RESEARCH METHODOLOGIES				

## Registration

🕒 09h00-09h30

### R&D TALKS

## Talk 1 - Design and Embedding of Wearable Prosthetics

🕒 11h00-11h30

👤 Demétrio Matos

📄 This research project, of exploratory nature, falls within the scientific area of Design and focuses on research, design, development and testing of the use of medical devices, more precisely of myoelectric prostheses, wearable, for upper limbs.

## Welcome

🕒 09h30-10h00

### R&D TALKS

## Talk 2 - Virtual Production Studios Network

🕒 11h30-12h00

👤 Marta Madureira and José Raimundo

📄 Virtual Production (VP) technology pretends to move filmmaking into a digital space by creating ultra-realistic backdrops, allowing scenes to convincingly be created from assembled parts.

### R&D TALKS

## Talk 4 - Footwear Industry

🕒 12h30-13h00

👤 Miguel Terroso

📄 The footwear industry is one of the most important industrial clusters in Portugal, being responsible for a significant part of national exports.

## Ice Breaking Activities Promoted by RSS

🕒 10h00-10h30

### R&D TALKS

## Talk 3 - Health Risk Communication

🕒 12h00-12h30

👤 Nuno Martins

📄 This project's main objective is to improve the risk communication in Health in situations of pandemic, by official public health institutions of the Portuguese Government and State.

## Lunch Break

🕒 13h00-14h00



SHORT  
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PROGRAMME

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GMT	8h00	9h00	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00
MONDAY 10/07			REGISTRATION/WELCOME ICE BREAKING ACTIVITY COFFEE BREAK	R&D TALKS	LUNCH	VISIT TO R&D LABS SAP RESEARCH CHALLENGE	RESEARCH METHODOLOGIES				

## Visit to R&D Labs

🕒 14h00-14h30

## SAP Research Challenge

🕒 14h30-15h30

## Research Methodologies

🕒 15h30-16h30

👤 Abhishek Chatterjee



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11 JUL			TUESDAY 9H00-16H30 GMT								
GMT+2	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00	19h00	20h00
GMT+1	9h00	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00	19h00
GMT	8h00	9h00	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00
TUESDAY 11/07			SCIENTIFIC WRITING COFFEE BREAK	DESIGN THINKING METHODOLOGIES	LUNCH	INTRODUCTION TO RESEARCH INTEGRITY AND INTELLECTUAL POLICY	WORKING GROUP				

## Scientific Writing

🕒 09h00-10h30

👤 Pedro Morais

## Design Thinking Methodologies

🕒 10h30-12h00

👤 Jorge Brandão Pereira

📄 Design thinking has emerged as a powerful problem-solving approach. The more we research, in areas that are different from each other – technology, science, culture, economy – the more chances we have of creating new bridges.

## Lunch Break

🕒 12h00-14h00

## Introduction to Research Integrity and Intellectual Policy

🕒 14h00-15h00

👤 Siobhan Moane and Patrick Murray

## Working Group

🕒 15h00-16h30

📄 Collaborative work development on the case-study projects, hands-on approach. Challenge research by experimenting, observing, analyzing, and documenting the research development. Ideate, selection of ideas and concepts design and development. Prototyping and evaluating. Pitch and final presentation.



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12 JUL			WEDNESDAY 9H00-16H30 GMT								
GMT+2	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00	19h00	20h00
GMT+1	9h00	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00	19h00
GMT	8h00	9h00	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00
WEDNESDAY 12/07			DATA ANALYSIS COFFEE BREAK		LUNCH		R&D WORKSHOP 1	WORKING GROUP			

## Data Analysis

🕒 09h00-12h00  
👤 Estela Vilhena

## Lunch Break

🕒 12h00-14h00

## R&D WORKSHOP

### R&D Workshop 1

🕒 14h00-15h30  
📄 Collaborative work development on the case-study projects, hands-on approach, with supervision.

## Working Group

🕒 15h30-16h30  
📄 Collaborative work development on the case-study projects, hands-on approach.  
Challenge research by experimenting, observing, analyzing, and documenting the research development.  
Ideate, selection of ideas and concepts design and development.  
Prototyping and evaluating.  
Pitch and final presentation.



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13 JUL			THURSDAY 9H00-16H30 GMT								
GMT+2	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00	19h00	20h00
GMT+1	9h00	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00	19h00
GMT	8h00	9h00	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00
THURSDAY 13/07			SCIENTIFIC PITCH GUIDELINES FUNDING OPPORTUNITIES COFFEE BREAK	R&D WORKSHOP 2	LUNCH	R&D TALKS	CULTURAL PROGRAM ORGANIZED BY IPCA STUDENTS COUNCIL				

## Scientific Pitch Guidelines

🕒 09h00-09h30

👤 João Vilaça and Patrick Murray

## Lunch Break

🕒 12h00-14h00

### R&D TALKS

## Talk 5 -

## Games and Creativity

🕒 14h00-14h30

👤 José Raimundo

📄 His lecture presents our main research vein, which allowed us to conceive a framework to analyse and design games to augment the creativity in its players, and the new studies that branch from here. These studies focus the use of games as conceptual and operational support tools in audio-visual discipline practices.

## Funding Opportunities

🕒 09h30-10h00

👤 Siobhan Moane and Pedro Morais

### R&D TALKS

## Talk 6 -

## Gender in animation

🕒 14h30-15h00

👤 Gabriela Sá

📄 This talk will present the preliminary findings of an ongoing PhD project - Sisterhood: Designing Female Relationships in the Mainstream Animation Media of the 21st Century-which aims at clarifying the influence that character design has in the communication of narrative roles and relationships between female characters, in the context of popular and contemporary animation feature films.

### R&D WORKSHOP

## R&D Workshop 2

🕒 11h00-12h00

📄 Collaborative work development on the case-study projects, hands-on approach, with supervision.

### R&D TALKS

## Talk 7 - Design Culture & Industry

🕒 15h00-15h30

👤 Hugo Palmares

📄 The presentation's theme is about cultural perception, contextualized to the Portuguese industry, through a diagnosis tool on design culture.

## Cultural Program Organized by IPCA Students Council

🕒 15h30-16h30



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GMT+1	9h00	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00	19h00
GMT	8h00	9h00	10h00	11h00	12h00	13h00	14h00	15h00	16h00	17h00	18h00
FRIDAY 14/07			R&D WORKSHOP 3 COFFEE BREAK	WORKING GROUP	LUNCH	WORKING GROUP	ASSESSMENT FINAL PRESENTATION				

## R&D WORKSHOP

### R&D Workshop 3

🕒 9h00-11h00

- 📄 Collaborative work development on the case-study projects, hands-on approach, with supervision.

### Working Group

🕒 11h00-12h30

- 📄 Collaborative work development on the case-study projects, hands-on approach.  
Challenge research by experimenting, observing, analyzing, and documenting the research development.  
Ideate, selection of ideas and concepts design and development.  
Prototyping and evaluating.  
Pitch and final presentation.

### Lunch Break

🕒 12h30-14h00

### Working Group

🕒 14h00-15h00

- 📄 Collaborative work development on the case-study projects, hands-on approach.  
Challenge research by experimenting, observing, analyzing, and documenting the research development.  
Ideate, selection of ideas and concepts design and development.  
Prototyping and evaluating.  
Pitch and final presentation.

### Assessment Final Presentation

🕒 15h00-16h30