

LABABERTO 

BOOTCAMP '24

ESPAÇOS FLEXÍVEIS DE APRENDIZAGEM



17-21 JULHO | LAB CENTER | TORRES VEDRAS

ENCONTRO NACIONAL DE FAB LAB | AVALIAÇÃO FAB LAB HN

#APRENDIZAGEM #NETWORKING #FABLAB #ESCOLA #APRENDIZAGEM INFORMAL #INSTITUIÇÕES PÚBLICAS #INDÚSTRIA #COMUNIDADE

LABABERTO.PT

Bootcamp Lab Aberto 2024

Themes: *Flexible Learning Spaces*; FAB LAB HN assessment; National FAB LABs meeting;

Date: 17 to 21 july 2024

Location: Lab Center - Torres Vedras - Portugal

Summary: this meeting, bootcamp 2024, has as its main motto the implementation of informal learning environments with the aim of identifying crucial strategies for its implementation, whether in a school, or in another business, industrial or institutional organization, whatever the topic of debate, study or learning intends to listen to practical cases and gather publics from different areas, from industry to local authorities, passing through schools and the community in general.

Keywords: learning, networking, FAB LAB, school, informal learning, public institutions, industry, community;

Technical details	2
Agenda	3
Preliminary meetings	3
Lab Aberto BootCamp 2024 - FAB LAB HN assessment team	3
Lab Aberto BootCamp 2024 - Flexible Learning Spaces - Talks	4
Lab Aberto BootCamp 2024 - Flexible Learning Spaces - Breakout rooms	5
Ground floor and rooms	5
First floor atrium and rooms	6
Closing session	7
National FAB LAB meeting	8
Partnerships	9
Support	9
Work Plan	10

Technical details

Goals:

- Networking;
 - Improve collaboration, cooperation and soft skills;
 - Promote collaboration between participants from different areas;
- Develop the FAB LAB HN internacional team assessment process;
- Discuss crucial strategies for the development of flexible learning spaces in a public school;
 - Organizing informal breakout rooms by themes;
 - Improve the knowledge about the way to implement a flexible learning space
 - Improve the project based learning project flow;
 - Discuss possible projects models to be developed in those flexible learning spaces;
 - Develop participants' skills to design and implement flexible learning spaces;

- Organizing a National Fab Lab meeting.

Type: talks, unconference, team work, discussions, networking; presentations;

Team: António Gonçalves; João Simões; Margarida Almeida; Liz Whitewolf

Graphic designer: Cooperativa

Registration: after individual registration, a confirmation link will be sent

Fee: 45 euros (55 euros with Saturday Lunch)

Agenda

Preliminary meetings

2 March 2024, 16:00 (Lisbon, GMT), online pitch, 1h duration	Bootcamp 2024 presentation; Breakout rooms theme discussion	Just for speakers and organization
May, 18th, 16:00 (Lisbon, GMT), online, 1h duration	Second presentation: Breakout rooms: meeting the trainees: who you are, goals, what will be the subject?	Just for speakers, demos and organization

Lab Aberto BootCamp 2024 - FAB LAB HN assessment team

Assessment team:

Hanne Andersen
Kristin Burrus
Liz Whitewolf
Matthew Craig
Mikko Rajanen

Day 1: 17 July, Wednesday	FAB LAB HN assessment 14:30 - Team assessment meeting (LAB CENTER Meeting Room 15): Definition of assessment criteria. Visit to FAB LAB HN.	Assessment team
Day 2: 18 July, Thursday	FABLAB HN assessment 9:00 - Team assessment interviews	Assessment team and interviewees
Day 3, 19 July, Friday	LAB CENTER Meeting Room 10:00 - Team assessment report	Assessment team

Lab Aberto BootCamp 2024 - Flexible Learning Spaces - Talks

Day 4 , 20 July, Saturday	LABCENTER ROOM 23/24 8:30 - Registration LABCENTER Atrium 9:00 - Intro: How does this work? 9:30 - Talk 1 : " <i>Yellow room</i> ", Patricia Castelhana 10:00 - Talk 2 : " <i>Change Makers - the educational maker space</i> ", Change Makers Cascais - NUCLIO - Priscila Doran, David Sousa, Geuffer Garcia 10:30 Break - Action : fill that wall* 11:00 Talk 3 : " <i>Flexible Learning Space</i> ", Fab Lab Benfica - Nuno Monge 11:30 - Talk 4 : "Balance of Collaboration with Lab Aberto Fab Lab and future projects" - Laura Rodrigues, Presidente da Câmara Municipal de Torres Vedras 12:00 Interval - Action : fill that wall*	
	12:30 - Lunch	at Quinta ementa
	FABLAB HN 14:00 - Warmup: FAB LAB HN visit;	

Lab Aberto BootCamp 2024 - Flexible Learning Spaces - Breakout rooms

Ground floor and rooms

<p>15:30 - Flexible Learning Spaces LABCENTER - Rooms 27/28</p> <p>Show&Tell / Demos:</p> <ul style="list-style-type: none"> - Patricia Castelhana (<i>"Yellow Room"</i>) - Priscila Doran (<i>"ChangeMakers Makerspace"</i>) - Nuno Monge(<i>"Flexible Learning Space"</i>) 	<p>14:00 - 18:00 - Ground Floor - Electronics Store Show Stand - Robert Mauser (Marko)</p>	<p>15:30 - 18:00 - Room 21/22 - "Robotics for everybody", CMTV Filipa Rei, Clarisse Grileiro, Artur Coelho (AEVP)</p>
<p>16:30 - Room 26 Breakout room - Open Discussion About Flexible Learning Spaces:</p> <ul style="list-style-type: none"> . EdTech (Liz Whitewolf); . Yellow room (Patricia); . STEAM, (Priscila Doran); . School FAB LAB (Nuno Monge); 	<p>14:00 - 18:00 Ground Floor -Laser Cutters; Teaching Arts with Laser Cutting (Luís Ferreira, AEHN);</p>	<p>15:30 - 18:00 Room 33 Microcontrollers in School Ferdinand Meier (Ferd); Citizen Science sensors base (Lab Aberto FAB LAB); Smart Farm Colab Livia Pian, agriculture sensors</p>

First floor atrium and rooms

<p>Ground Floor - MAUSER, Electronics Store Show Stand - Robert Mauser (Marko)</p>	<p>First floor atrium - FAB LAB HN: Teaching Arts with Laser Cutting, Science projects in the FAB LAB (Rita Costa, AEHN);</p>	<p>Room 21/22 - Robotics for everybody, CMTV Filipa Rei, Clarisse Grileiro, Artur Coelho (AEVP)</p>
<p>Room 9 - 3D Printers - BLOCKS (Duarte Bragadesto); João Milheiro</p>	<p>Room 5 - . Live Coding interaction with vídeo and sound, David Whitewolf, David Sousa - NUCLIO (cowork with Arduino Music with Sebastião Bizarro and ZABRA);</p>	<p>15:30 - 18:00 Room 33 Microcontrollers in School, Ferdinand Meier (Ferd); Citizen Science sensors base (Lab Aberto FAB LAB); Smart Farm Colab Livia Pian, agriculture sensors</p>
<p>First floor atrium - 3D Scanning - X3D, Carlos Moreira;</p>	<p>First floor atrium - Science Club, Quero ser cientista/I want to be scientist, Olinda Almeida</p>	<p>First floor atrium - 3D Ceramics, Sandra Casaca, Eva Caetano, Tânia Albuquerque</p>
<p>First floor atrium - Schools art projects Manuel Moreira, Arte Transformer;</p>	<p>First floor atrium - KitFerraBit - Miguel e Alexandra, Viva Lab</p>	<p>First floor atrium - FAZ, Mariana Costa e Silva</p>
<p>First floor atrium - Estúdio Imaginário, Stop motion, Francisco Lança</p>	<p>First floor atrium - LAB Mauser, ESCO, Nuno Gomes, Claudia Pinto</p>	<p>Room 5 - Arduino Music, Sebastião Bizarro (Cowork with Live Coding)</p>
<p>First floor atrium - FAB LAB HN, Rita Costa, AEHN;</p>	<p>First floor atrium - Street Lights, Àngel Gallart Portas</p>	<p>First floor atrium - BioLab - Rafael Calado, Bio Lab FAB LAB</p>
<p>Room 5 - ZABRA, Carincur e João Pedro Fonseca (Cowork with Live Coding)</p>	<p>First floor atrium - RV SS, João Rodrigues Cyango</p>	<p>Room 17 and 4 - Charging room and cafe</p>
<p>First floor atrium - 15:30-18:00 - ODAM, João Catarino, Repair café Almada (to be confirmed)</p>		

Closing session

Day 4 , 20 July, Saturday	LABCENTER Atrium 18:00 - Flexible Learning Spaces Open Discussion summary sharing 18:30 - Closing comments of the Bootcamp: School Fab Lab Status (Europe and EUA) & Future Mathew; Kristin; Hanne; Liz; António; João; CMTV Farewell	
Social Dinner	RESTAURANT 20:00 - Social Dinner	Need previous registration
Jam session	DJ Video Live Coding Jam session with ZABRA, David whitewolf and Sebastião Bizarro (with eating&drinking/COMES&BEBES)	

National FAB LAB meeting

Day 5 , 21 July, Sunday	LABCENTER Atrium 10:00 - Talk 1 - National FAB LAB participation in FAB Bhutan, Rafael Calado “One year later”; 10:30 - Talk 2 - FAB LAB Porto de Mós, “Giving birth to a FAB LAB”; 11:00 Talk 3 - National FAB LAB Association, João Milheiro - Break 11:30 - Discussion and discussions - Q&A - projects presentations 13:00 - Lunch 14:00 - Networking and Farewell	
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**Wall to put sticky notes where the participants say what is their opinion about flexible learning spaces , the strategies, benefits, drawbacks, or whatever they want to discuss about these themes in the afternoon breakout rooms*

Partnerships

Nuno Monge, FAB LAB Benfica

Priscila Doran, Change Makers

Patrícia Castelhana, Escola Básica da Ericeira

Liz Whitewolf, EDUFAB

Duarte Bragadesco, BLOCKS

João Milheiro, FAB LAB Aldeias do Xisto

Filipa Rei, Robótica para todos

Clarisse Grileiro, Robótica para todos

Artur Coelho, AEVP

Rita Costa, AEHN

Cristiana Martins, AEHN

Ferdinand Meier (Ferd)

Miguel Almeida, VivaLab

Alexandra Baltazar, VivaLab

Cláudia Pinto, LAB MAUSER - ESCO

David Ferrão, LAB MAUSER - ESCO

Nuno Gomes, XYZLAB

Àngel Gallart Portas

Sandra Casaca, Casa dos Malteses

Eva Caetano

Carlos Moreira, X3D

Manuel Moreira, Arte Transformer

Francisco Lança, Estúdio Imaginário

David Whitewolf, vision system contractor, Epic Games

David Sousa, NUCLIO

Tânia Albuquerque

Mariana Costa e Silva, FAZ

Sebastião Bizarro

Mário Viana, AEHN

Catarina Martins, AEHN

Carincur e João Pedro Fonseca, ZABRA

Livia Pian, Smart LAB Colab

Olinda Almeida, Education Service of the CMTV

Rafael Calado, Bio Lab FAB LAB

João Rodrigues, Cyango

João Catarino, ODAM (to be confirmed)

Pincel Mágico (to be confirmed)

Support

CMTV

MAUSER

Work Plan

October 2023

Invite assessment team:, first meeting; individual meeting;

Invite speakers: https://oshub.network/local_OSHub_PT.html, NUCLIO.

Priscilla, Change Makers.

network open hardware is missing,

Artístico António Arroio,

infographics

National Association Demo

Graphic designer

November 2023

Meeting with Graphic designer, Emilie Whitewolf, and the team organization

December 2023

informal Invitations

January 2024

Design materials to publish

Formal invitations and meetings

Registering

Announcing

Embassy contact: american corners demo?

Invite people to develop and report breakout sessions

email speakers

February 2024

Prepare the first presentation meeting: talks and wall sticks

Defining who is going to take care of the video, photo and communication in general

Lunch at quinta ementa: contact

contact Volunteers

Invite FAB LAB

March 2024

Vídeo/apresentação em formato vídeo máximo 3 minutos

March, 2th, 16:00 (Lisbon, GMT): First presentation meeting: speakers: what are we going to talk about?

April 2024

Prepare the second presentation meeting: talks and wall sticks

Graphics conference

Invite volunteers

May 2024

Lunch at quinta ementa: contactar

Vídeo/apresentação/poster em formato vídeo máximo 3 minutos

May, 18th, 16:00 (Lisbon, GMT) Second presentation: Breakout rooms: meeting the trainees: who you are, goals, what will be the subject?

June 2024

Volunteers: first meeting, July 1;

Volunteers e secretariado: second meeting;

Revisit agenda bootcamp 2024

Revisit graphic materials

T Shirts

July 2024

Volunteers: last meeting; july 6th

Lab Aberto Bootcamp 2024

Revisiting all the materials needed

Organizing the space