Welcome to the FOSDEM 2022 Ada DevRoom

In cooperation with Ada-Europe and Ada-Belgium

Thank you

To all the collaborators

- Dirk Craeynest
- Jeffrey R. Carter
- Ludovic Brenta
- Tama McGlinn

And the speakers!

- 12 Authors
- 8 countries!

And the FOSDEM Team!

In cooperation

Ada-Europe

Ada-Belgium

For more information, visit
this event entry @ FOSDEM!

Short personal introduction

Major contributions to Ada

- Ada-Scheme interop
- Updated GCC-Ada in NetBSD (running on powerpc too!)
- Ada on RISC-V on an FPGA
- Trying to grow the community :)

Master student

 – Mechanical Engineering (TUM)

 – Industrial Engineering (ICAI)

Currently finishing the Thesis at the Max-Planck IPP

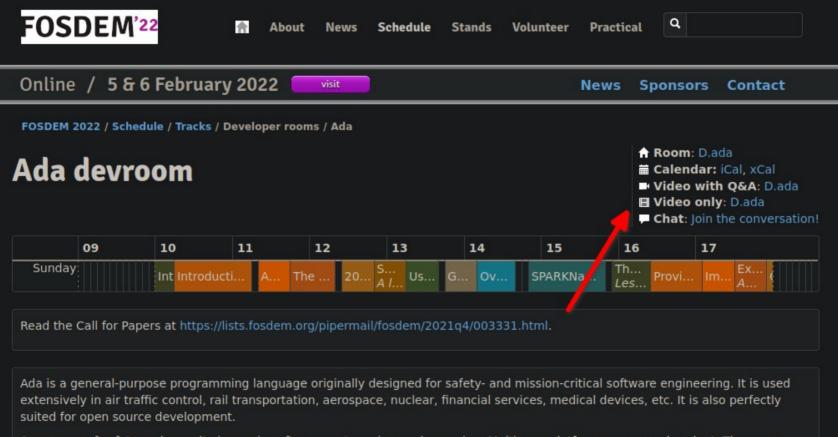Mostly thermo-hydro-mechanics and Fortran!

Fernando Oleo Blanco

https://irvise.xyz
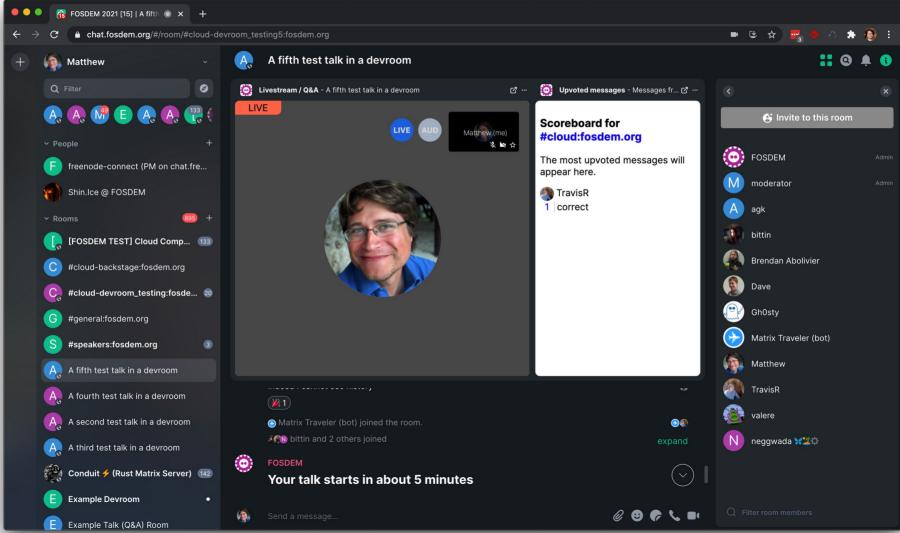irvise@irvise.xyz

FOSDEM online!

- How does it work?

- How do I ask questions?

- How do I talk to the speakers?

- Are beers included?

The Webpage

The interface

The interface

The Bot/Manager

FOSDEM ⚙

Up next: A third test talk in a devroom

Ask your questions here for the Q&A at the end of the talk.

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Q&A is starting shortly

Feel free to continue asking questions for the speakers - the conversation will continue in the hallway after the Q&A.

Schedule

Program overview:
- *Introduction to the Ada DevRoom*, by Fernando Oleo Blanco, Germany
- *Introduction to Ada for Beginning and Experienced Programmers*, by Jean-Pierre Rosen, France
- *Ada Looks Good, Now Program a Game Without Knowing Anything*, by Stefan Hild, Germany
- *The Ada Numerics Model*, by Jean-Pierre Rosen, France
- *2022 Alire Update*, by Fabien Chouteau, France, Alejandro Mosteo, Spain
- *SweetAda: Lightweight Development Framework for Ada-based Software Systems*, by Gabriele Galeotti, Italy
- *Use (and Abuse?) of Ada 2022 Features to Design a JSON-like Data Structure*, by Alejandro Mosteo, Spain
- *Getting Started with AdaWebPack*, by Max Reznik, Ukraine
- *Overview of Ada GUI*, by Jeffrey Carter, Belgium
- *SPARKNaCl: a Verified, Fast Re-implementation of TweetNaCl*, by Roderick Chapman, UK
- *The Outsider's Guide to Ada: Lessons from Learning Ada in 2021*, by Paul Jarrett, USA
- *Proving the Correctness of the GNAT Light Runtime Library*, by Yannick Moy, France
- *Implementing a Build Manager in Ada*, by Stephane Carrez, France
- *Exporting Ada Software to Python and Julia*, by Jan Verschelde, USA
- *Closing of the Ada DevRoom*, by Dirk Craeynest, Belgium, Fernando Oleo Blanco, Germany

Have fun!

- Make some questions so that I can see if the system is working!

- Beer is not included :(
  - You have to bring your own
  - There is at least a beer emoji