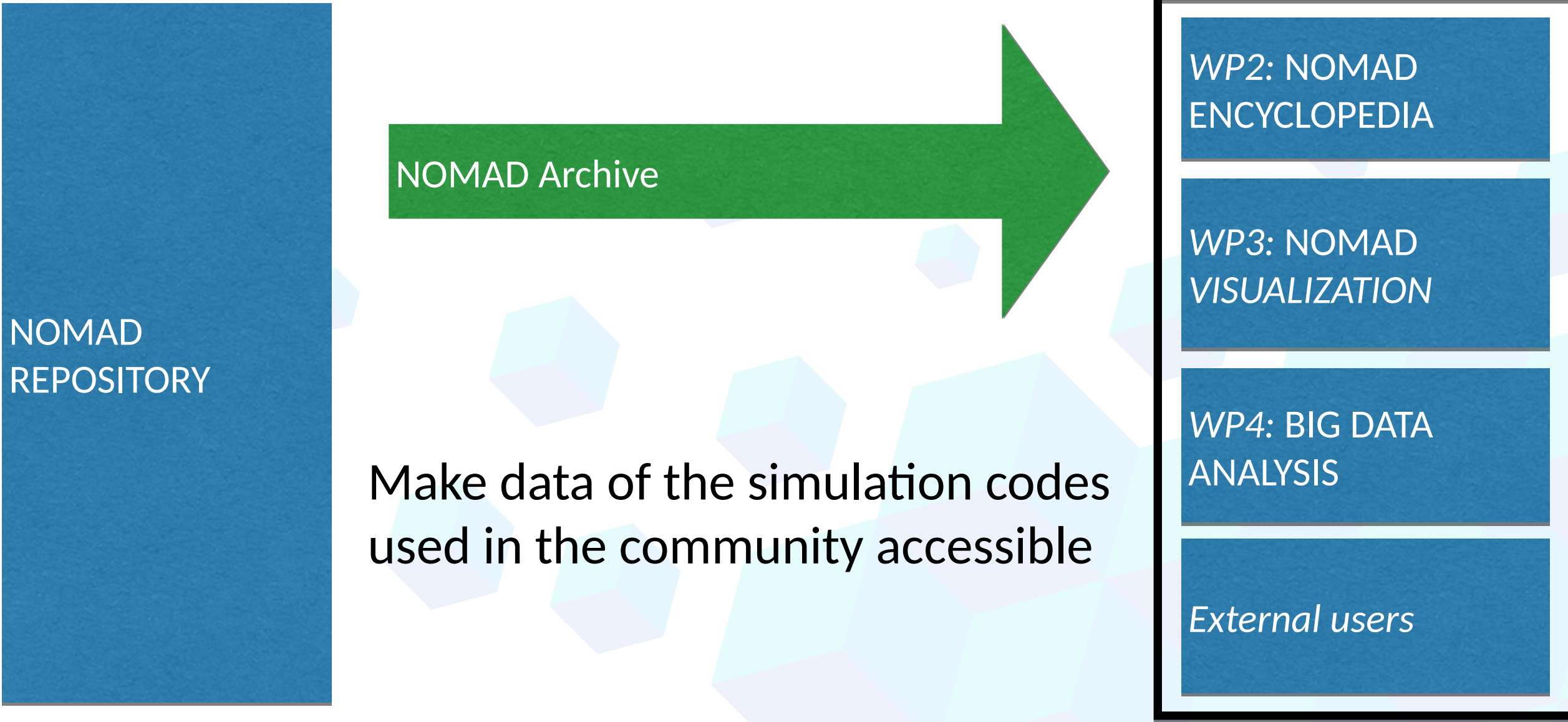


WP1

PI Meeting, 6. Feb 2018, London

Fawzi Mohamed FHI Berlin

NOMAD Archive: Goal





NOVEL MATERIALS DISCOVERY

NOMAD Archive: What is it

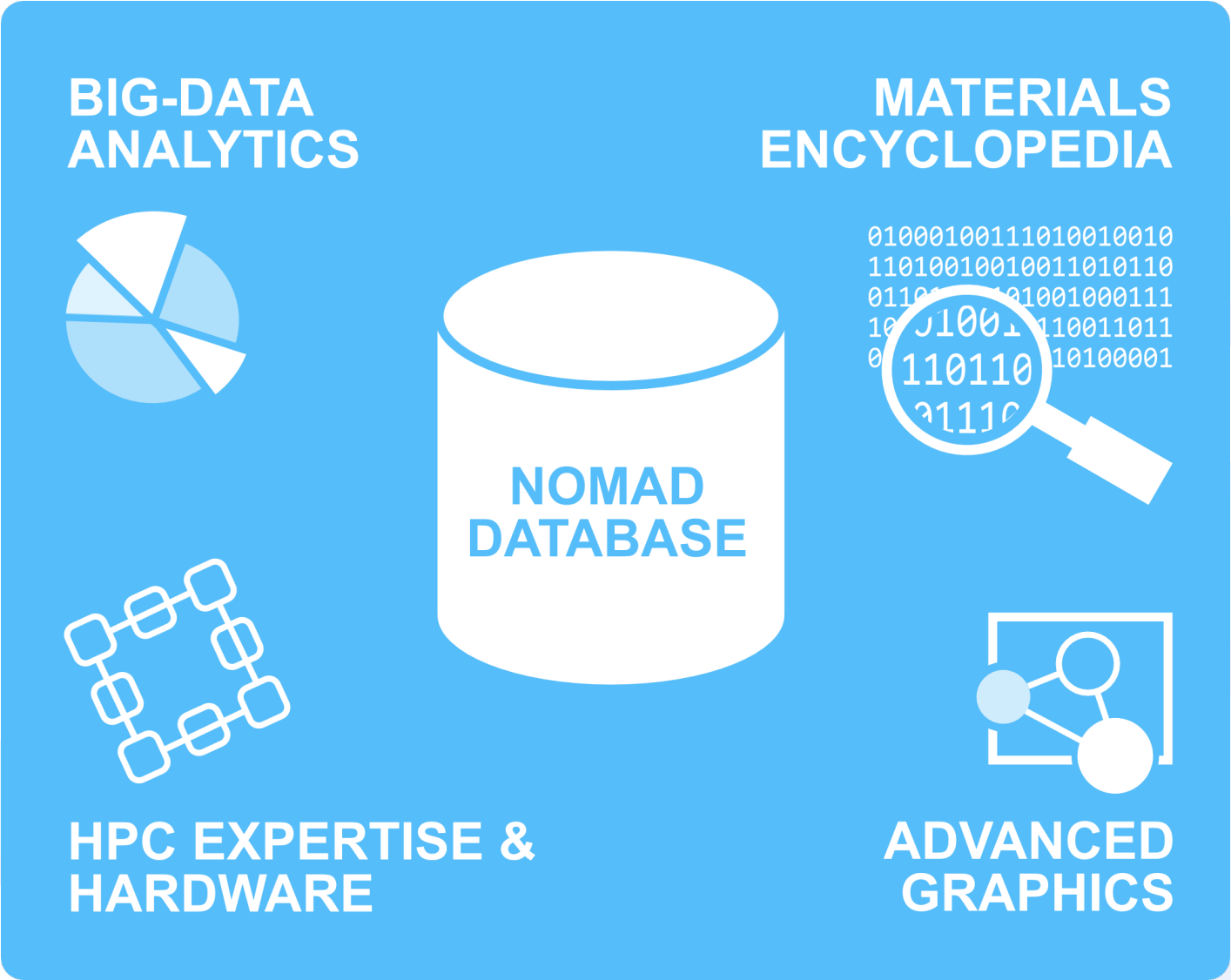




NOVEL MATERIALS DISCOVERY

NOMAD Archive: What is it

The core of the
NOMAD Database



Work Done

- Repository integration
- Documentation
- First version of the resolve & query API
- Parsers (ongoing)

Who

- Low level infrastructure
- Higher level infrastructure
- Documentation
- Repository
- Parser development



(Ankit Kariyaa)
FHI



(Alfonso Sastre)
FHI



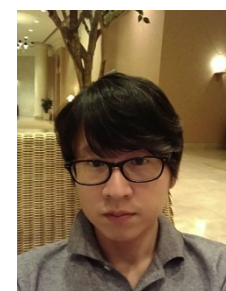
Fawzi Mohamed
FHI



Berk Onat
Warwick



(Yazid Hamdi)
FHI



Jungho Shin
HUB



Nicolas Fabas
MPCDF



Arvid Ihrig
FHI



Thomas Zastrow
MPCDF



Archive & Parser Developers



(Ankit Karirya)



Mikkel Strange



Micael Oliviera



Martina Stella



(Massimo Riello)



(Wael Chibiani)



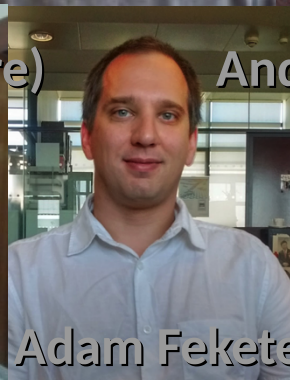
(Franz Knuth)



(Aliaksei Mazheika)



(Alfonso Sastre)



Adam Fekete



Andrea Droghetti



(Honghui Shang)



(Sebastián Alarcón Villaseca)



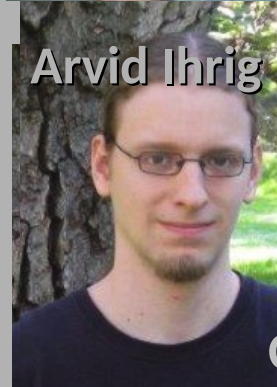
Daria Tomecka



Lorenzo Pardini



Fawzi Mohamed



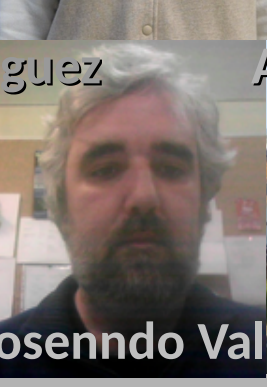
Arvid Ihrig



Carl Poelking



Adriel Domínguez



Rosenndo Valero



Ask Hjorth Larsen



Berk Onat



Lauri Himannen



Sami K. Kivisto

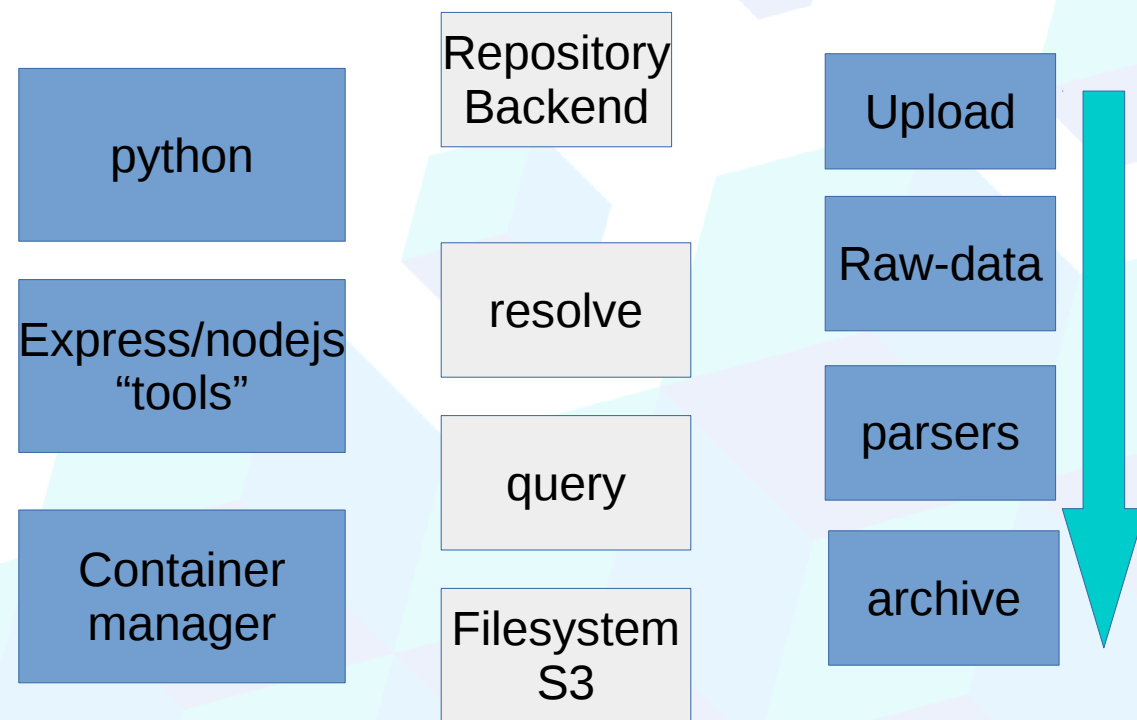


Henning Glawe

Where we want ot go

- Robust infrastructure
- Simplified deployment for developers and mirrors
- Docker, Kubernetes (and helm)

- Metainfo
- Infrastructure for „tools“
 - Nodejs/express
 - Python encyclopedia
- Container-manager
 - Analytics, but not only





NOVEL MATERIALS DISCOVERY

Hackaton

- End of march
- Focus on Infrastructure
- Analytics tools, tools
- Mustafa & Abdul (new people) present