

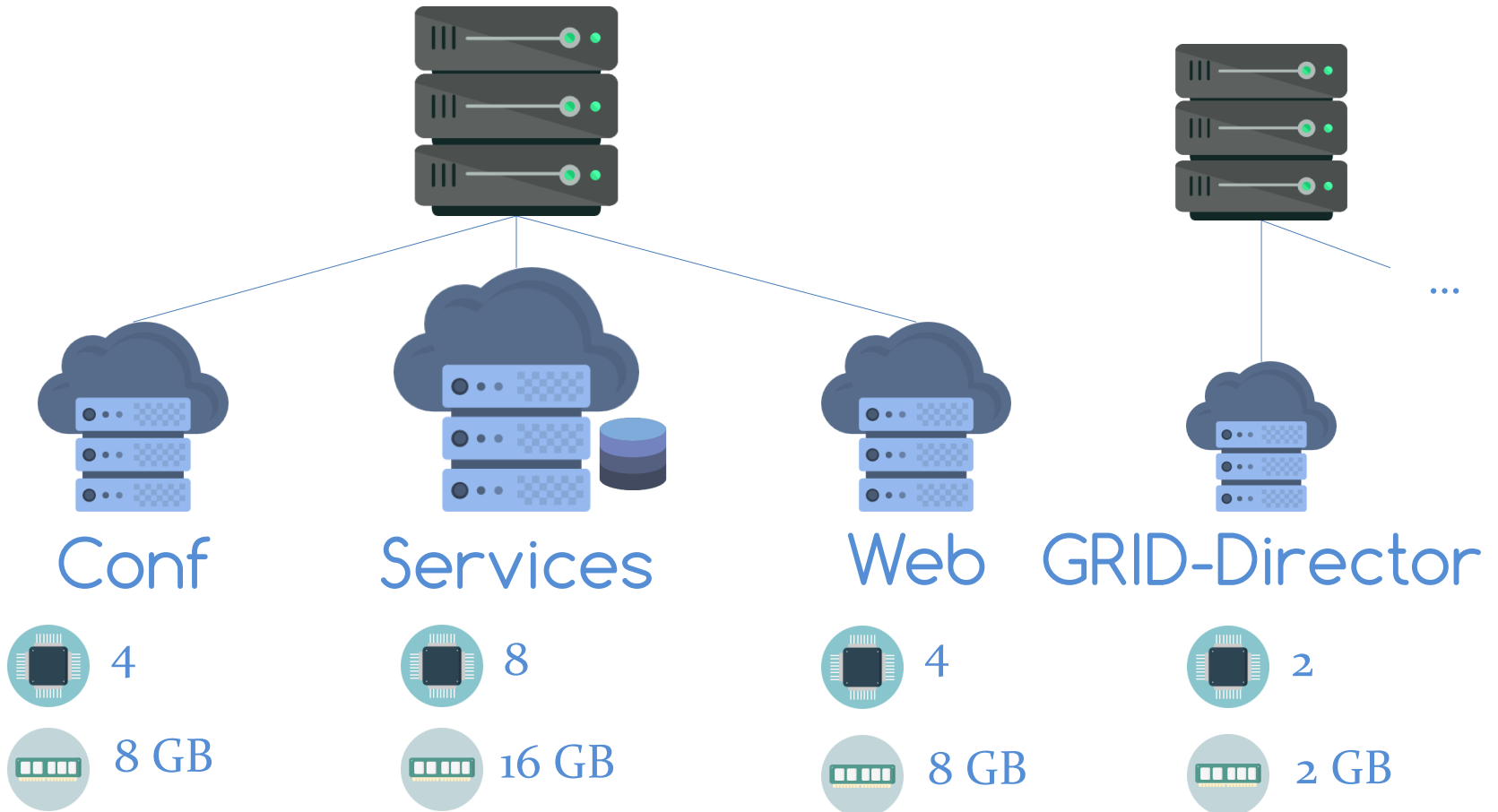


 **DIRAC** at JINR
THE INTERWARE

Igor Pelevanyuk, JINR
Andrei Tsaregorodtsev, IN₂P₃

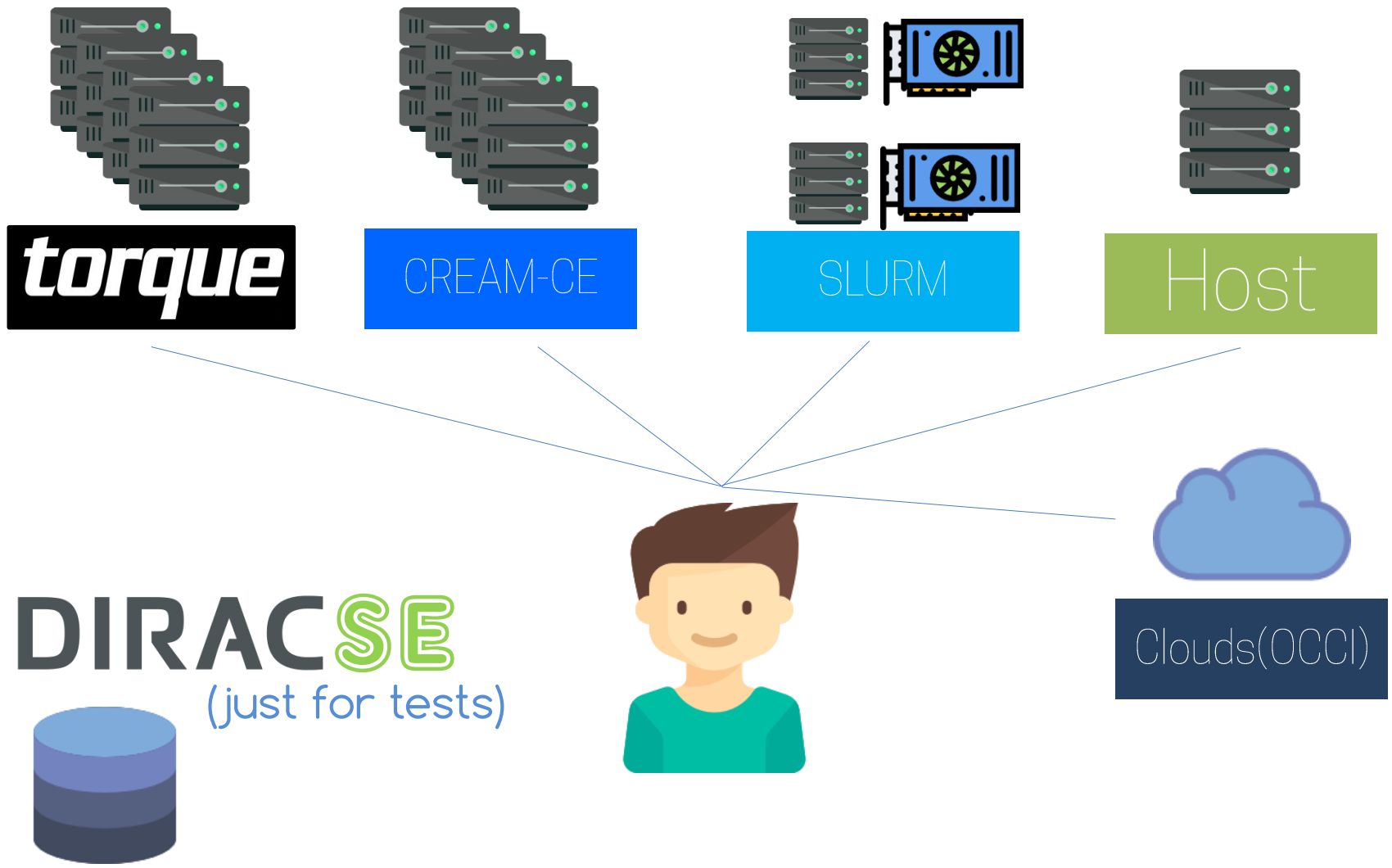


DIRAC@JINR now





DIRAC@JINR resources



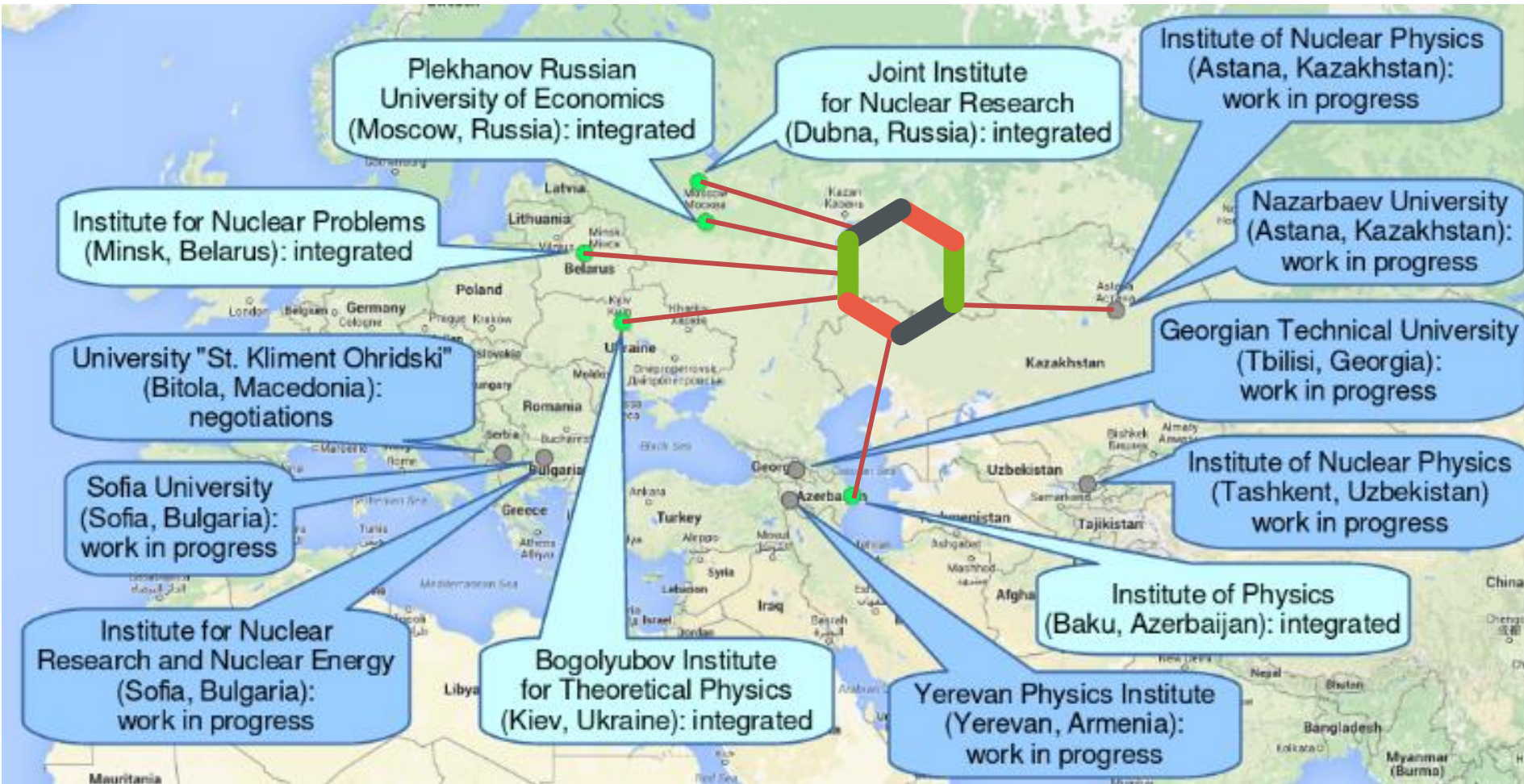


“Cloud bursting”





Integration via DIRAC





Cloud integration

- Endpoint for vanilla OCCI have been written by Andrey Tsaregorodtsev
- Development version worked well
- We develop XML-RPC endpoint for OpenNebula
- Special arrangements still required to upload images to clouds.





Our VOs

DIRAC

General purpose VO



VO for the NICA experiment



-
- Full cycle of MC have been successfully tested for NICA
 - NICA VOMS and dedicated CreamCE integrated

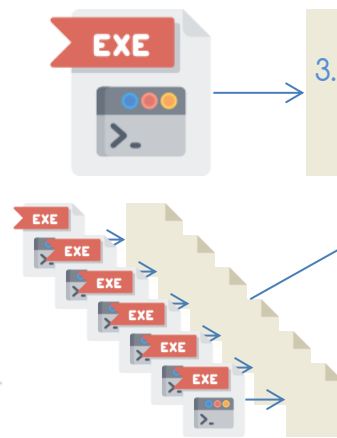
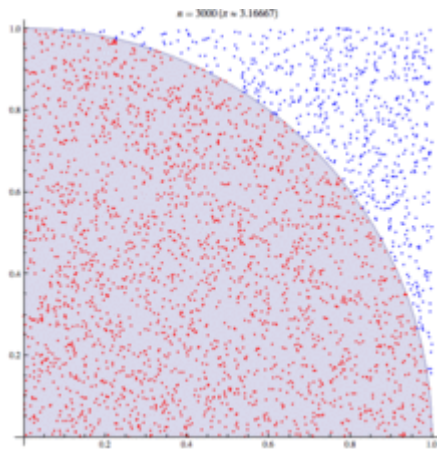
No solution have been officially accepted right now by NICA



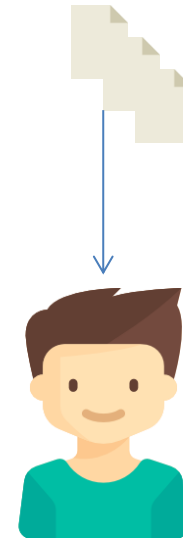
GRID courses

Group of 15 students tried grid with our installation

Get π number by using the Monte Carlo method



DIRACSE



3.141592...



DIRAC@JINR plans

- Extend and tune DIRAC installation to support JINR activities
- Publish DIRAC OpenNebula RPC cloud endpoint to allow direct connection of OpenNebula clouds
- Use DIRAC more in the area of education



Thank you for attention

