Method Spotlight: Pipelines and Workflows

Report of Contributions

Contribution ID: **1**   Type: **not specified**

Pipelines and Workflows

Monday 13 December 2021 14:00 (45 minutes)

Data analyses usually entail the application of a combination of command line tools, scripts and notebooks to transform, filter, aggregate or plot data and results. In order to ensure sustained value for data analysis authors and the scientific community, an analysis has to be reproducible (for checking its technical validity), transparent (for checking its methodological validity), and adaptable (to enable future reuse).

With over 1,000 citations and over 300,000 downloads, Snakemake is one of the most popular workflow management systems.

This talk will present how Snakemake can be used to easily ensure above properties while minimising boilerplate code, maximising human readability, and ensuring efficient execution on any major computing platform.

Presenter: KÖSTER, Johannes

Contribution ID: **2**   Type: **not specified**

Q & A

Monday 13 December 2021 14:45 (15 minutes)

Contribution ID: **3**   Type: **not specified**

Block 1

Monday 13 December 2021 15:00 (30 minutes)

Session Classification: Booked Participants only

Contribution ID: **4**   Type: **not specified**

Block 2

Monday 13 December 2021 15:30 (30 minutes)

Session Classification: Booked Participants only

Contribution ID: **5**   Type: **not specified**

Block 3

Monday 13 December 2021 16:00 (30 minutes)

Session Classification: Booked Participants only

Contribution ID: **6**   Type: **not specified**

Block 4

Monday 13 December 2021 16:30 (30 minutes)

Session Classification: Booked Participants only