SyneRBI

PET Rapid Image Reconstruction Workshop Closing

Future: publications

- Top 3 teams have made their contributions open source

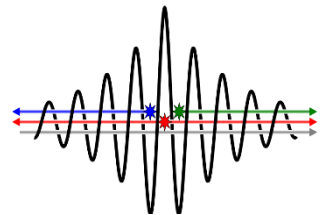 https://github.com/orgs/SyneRBI/repositories

  Look for PETRIC-*

- Special issue
  Frontiers in Nuclear Medicine

  joint with
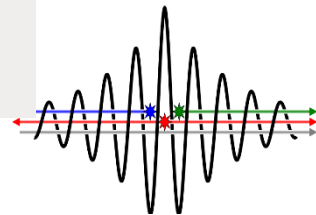
  Front. Physics, section Medical Physics and Imaging

Future: Raw data access

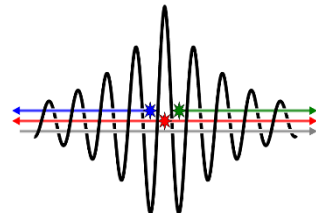- PETSIRD (Positron Emission Tomography Standardization Initiative Raw Data)
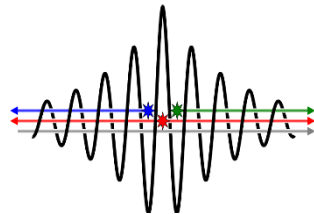

https://etsinitiative.org/

Future open Challenge(s)?

- ## More data-sets
  Simulations/Phantom data/Patient data (???)

- ## Possibly alternate between
  - ### small problems to allow experimenting
  - ### real-world data

- ## Fixed MAP problem or image quality?

- ## Synergistic reconstruction?

- ## Collaboration with the Ultra Low Dose PET Imaging Challenge (UDPET)

More information

- PETRIC
  - Information: github.com/SyneRBI/PETRIC/wiki
  - Data: petric.tomography.stfc.ac.uk/data/
  - Leaderboard: petric.tomography.stfc.ac.uk/leaderboard

- SyneRBI

  www.ccpsynerbi.ac.uk/

- Synergistic Image Reconstruction Framework

  github.com/SyneRBI/SIRF/

- Core Imaging Library

  github.com/TomographicImaging/CIL

Acknowledgements

- Invited speakers at this workshop

- PETRIC participants

- Data contributors

- PETRIC Organisers

- MIC organisers
  G. El Fakhri, K. Grogg, R. Engels

- CCP SyneRBI
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