



# The 39th International Symposium on Lattice Field Theory (Lattice 2022)

## Monday, August 8, 2022

**Software development and Machines: Software development and Machines I - CP1-HSZ/0.002 (CP1-HSZ) - HS4 (2:00 PM - 4:00 PM)**

-Conveners: Mathias Wagner

| time    | [id] title   | presenter             |
|---------|--|-----------------------|
| 2:00 PM | [162] Porting the COLA software library to AMD         | KAMLEH, Waseem        |
| 2:20 PM | [178] GPT  | LEHNER, Christoph     |
| 2:40 PM | [104] Lyncs-API: status update                         | BACCHIO, Simone       |
| 3:00 PM | [160] Twisted mass ensemble generation on GPU machines | Dr KOSTRZEWA, Bartosz |
| 3:20 PM | [122] Solvers for Wilson fermions in Grid              | ZIEGLER, Felix        |

**Software development and Machines: Software development and Machines II - CP1-HSZ/0.002 (CP1-HSZ) - HS4 (4:30 PM - 6:30 PM)**

-Conveners: Bartosz Kostrzewa

| time    | [id] title             | presenter          |
|---------|------------------------|--------------------|
| 4:30 PM | [136] Avoiding the Jam | WAGNER, Mathias    |
| 4:50 PM | [145] MPI Job Manager  | WALKER-LOUD, Andre |

# Thursday, August 11, 2022

## Software development and Machines: Software development and Machines III - CP1-HSZ/0.002 (CP1-HSZ) - HS4 (9:00 AM - 11:00 AM)

-Conveners: Jacob Finkenrath

| time     | [id] title  | presenter            |
|----------|---|----------------------|
| 9:00 AM  | [131] Performance Optimization of Baryon-block Construction in the Stochastic LapH Method | NGUYEN, Phuong       |
| 9:20 AM  | [125] Optimizing Staggered Multigrid for Exascale performance                             | AYYAR, Venkitesh     |
| 9:40 AM  | [192] Running HMC Simulations with Python via QUDA  | YAMAMOTO, Shuhei     |
| 10:00 AM | [130] Maximizing the Bang Per Bit   | CLARK, Kate          |
| 10:20 AM | [116] Status of reproducibility and open science in hep-lat in 2021                       | Dr BENNETT, Ed       |
| 10:40 AM | [113] Open Science in Lattice Gauge Theory community                                      | ATHENODOROU, Andreas |