



LIGO LABORATORY

MEMORANDUM

DATE: 20 May 2021
TO: lsc-all@ligo.org

FROM: Stuart Anderson,
Dennis Coyne

SUBJECT: Appointment of Jameson Rollins
as LIGO Laboratory Low-Latency Data Stream Group Leader

Refer to: [LIGO- L2100073-v2](#)

We would like to make you aware of an organizational change, and a new initiative, within the LIGO Laboratory that relates to the Lab's contributions to, and interfaces with, the LSC's low-latency efforts. The Lab has appointed Jameson Rollins as a matrix supervisor coordinating low-level infrastructure covering data distribution spanning CDS, GDS and LDAS. This will include hardening of DMT for O4 as well as R&D to replace the data distribution infrastructure for O5. Prototype work is currently underway at LHO to make CDS 16Hz pre-frame data buffers available to LDAS/NDS2 at an order of magnitude lower latency than during O3. The initial team for these efforts will include significant time commitments from John Zweizig (CIT), Martin Beroiz (new GWOSC/low-latency staff hire at CIT), and a new planned software scientist/engineer hire at LHO. This team may also draw time as needed from other LDAS/CDS LIGO Lab staff.

Please note that this initiative is separate from LIGO Lab efforts by Erik Katsavounidis and Cody Messick, as managed by the LSC low-latency group, which are focused on low-latency infrastructure for Gravitational Wave transient event handling.

Due to the clear need to interface and integrate with the LSC's low-latency efforts and applications, the data distribution/streaming team led by Jameson will coordinate closely with the LSC's Operations division, the LSC's low latency working group and the LSC's computing and software working group.