



12.10.2018

Dear friends and supporters of International Masterclasses,

World Wide Data Day (W2D2) is coming! W2D2 is an activity in which high school students can measure the directions of muons in events in ATLAS or CMS, contribute their data to a common spreadsheet, and then, on Thursday 15<sup>th</sup> November, have a videoconference to discuss results. It stands on its own but is also a great way to start the IMC 2018 ramp-up.

Important features of W2D2:

- Teachers can lead a W2D2 event in their school – it does not require a physicist tutor (though this is always great) and it takes about a net 2 hours from start to finish.
- Data analysis can be done any day and time before the videoconference; all videoconferences are on 15<sup>th</sup> November, as measured in UTC.
- Physics discussion is with moderators in the videoconference.
- We need moderators! Moderators do not have to be at CERN, Fermilab, or TRIUMF.

Connections:

- Website: <https://quarknet.org/content/lhc-world-wide-data-day-2018>.
- Participating groups register at <https://quarknet.org/content/world-wide-data-day-registration-2018>.
- Moderators register at <https://goo.gl/forms/356022CNYuVmRBTq2>.

In case of any questions, please do not hesitate to contact us.

Kind regards,  
Ken Cecire + Uta Bilow

Dr. Uta Bilow  
Project coordinator "International Masterclasses"

Institut fuer Kern- und Teilchenphysik  
Technische Universitaet Dresden  
Zellescher Weg 19  
01069 Dresden  
Germany  
e-mail: [uta.bilow@tu-dresden.de](mailto:uta.bilow@tu-dresden.de)  
Phone: +49 351 463-32956  
Fax: +49 351 463-33114

Kenneth Cecire  
QuarkNet National Staff

University of Notre Dame  
Department of Physics  
225 Nieuwland Science Hall  
Notre Dame IN 46556  
USA  
e-mail: [kcecire@nd.edu](mailto:kcecire@nd.edu)  
Phone: 574-631-3343  
Fax 574-631-3977

[www.physicsmasterclasses.org](http://www.physicsmasterclasses.org)