

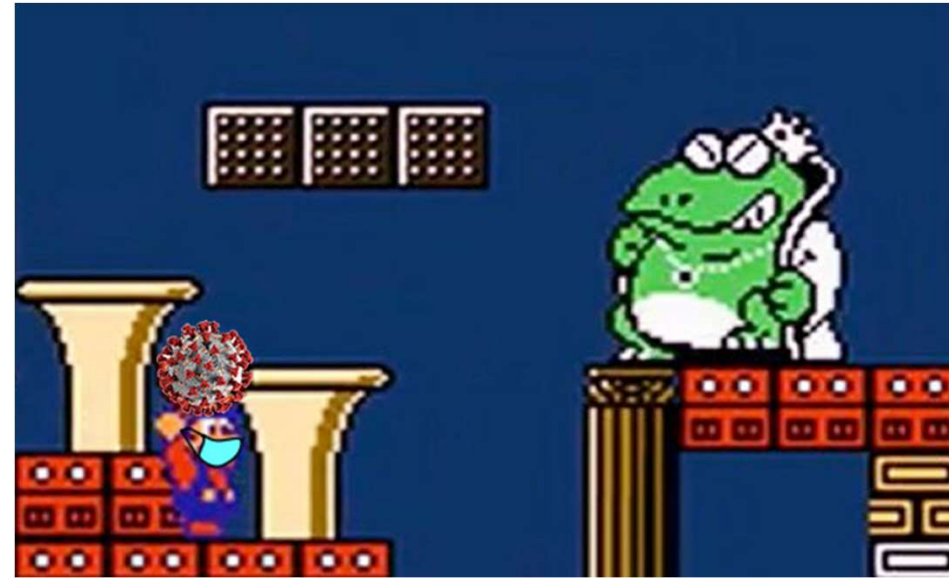
Virtual Mufmech 2020!

General Rules and Comments

- 15 min. presentation, 5 min. Q&A
- Everyone will be muted except speaker
- Warning (frog noise!) at 2 min.
- Raise your hand during Q&A
 - Show your hand on video screen
 - Or “raise hand” button in chat
 - Or ask your question in the chat
- Presenter may provide links to videos in the chat

(sub if needed): Afreen Fatima, Wayne State U.

Label free detection and quantitation of amphiphilic molecules using Surfactant Hydrodynamic Retardation Effect Detector (SHRED)



Agenda May 29, 2020

1:10-1:30pm: Kshitiz Gupta, Purdue U.

A dance of particles under light

1:30-1:50pm: Mukul Dave, U. Wisconsin

Cross-flow turbines with intracycle variation of angular velocity

1:50-2:10pm: Md Mahmudur “Rony” Rahman, U. Louisville

Simulating hydrodynamic interactions of active colloids near a solid surface

2:10-2:30pm: Bill Schultz, U. Michigan

Urinary reflux and other bladder-voiding contests

2:30-2:50pm: Ivan Christov, Purdue U.

Soft hydraulics: Theory of flow in deformable microchannels