



ZDM – Mathematics Education

Webinar on the special issue "**COVID 19 pandemic – its mathematical background, its social and educational consequences**", issue 1, 2023

Edited by Johann Engelbrecht, Marcelo Borba and Gabriele Kaiser

Wednesday, 15th February, 2023, 2.00 pm – 3.30 pm UTC

Moderator: *Stanislaw Schukajlow* (Associate editor ZDM – Mathematics Education)

Schedule:

(1) Survey and introduction into the theme:

Johann Engelbrecht & Marcelo Borba: Will we ever teach mathematics again in the way we used to before the pandemic?

(2) COVID 19 pandemic under a mathematical modelling perspective:

Stefan Siller: Mathematical modelling of exponential growth as a rich learning environment for mathematics classrooms

Joni Meyer: Relevant mathematical modelling efforts for understanding COVID-19 dynamics: an educational challenge

(3) COVID 19 pandemic and flipped classroom pedagogy

Gabriele Kaiser & Mustafa Cevikbas: Can flipped classroom pedagogy offer promising perspectives for mathematics education on pandemic-related issues? A systematic literature review

(4) COVID 19 and teacher education under an international perspective

Bill Atweh & Berinderjeet Kaur: Futures for Post-Pandemic Mathematics Teacher Education: responsiveness and responsibility in the Face of a Crisis

LINK: <https://uni-hamburg.zoom.us/j/69348602899?pwd=VEc0NmllUmhla2kreTc2Qk1FN2Ezdz09>

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