



UNIVERSITAS SCIENTIARUM SZEGEDIENSIS  
**UNIVERSITY OF SZEGED**  
FACULTY OF SCIENCE AND INFORMATICS  
DOCTORAL PROCEDURE

XII-927/67-12/2024

Szeged, 5 September 2024.

**Invitation**

The public defence of the Ph.D. thesis submitted by

**RICHMOND OPOKU-SARKODIE**

**„Complex bifurcation structures in SIRWS and SIRWJS models of pertussis with asymmetric partition of immunity period”**

is announced by the Doctoral Council of the Faculty of Science and Informatics  
**for 1 October 2024, 4:00 pm (CET)**

The public defence will be held online.

Doctoral School of Mathematics, University of Szeged

Supervisors:

Dr. Mónika Van Leeuwen-Polner assistant professor and Dr. Ferenc Bartha assistant professor (Department of Applied and Numerical Mathematics, University of Szeged)

The committee is:

**Chair: Prof. Dr. Tibor Krisztin full professor, Bolyai Institute, University of Szeged**

**Opponents: Dr. János Karsai associate professor, Bolyai Institute, University of Szeged**

**Prof. Dr. L. Péter Simon full professor, Eötvös Lóránd University, Institute of Mathematics**

**Members: Dr. Attila Dénes associate professor, Bolyai Institute, University of Szeged**

**Gabriella Dr. Sebestyén Dr. Svantnerné assistant professor, Department of Analysis and Operations Research, Budapest University of Technology and Economics**

**Secretary: Dr. Ábel Garab associate professor, Bolyai Institute, University of Szeged**

The dissertation can be accessed from SZTE Repository of Dissertations: <https://doktori.bibl.u-szeged.hu/id/eprint/12055/>

Participants can attend the public defence and also send written comments in advance.

**We kindly invite you for the defence. You can join the defence via the following link:**

<https://us06web.zoom.us/j/85371898184>, Meeting ID: 853 7189 8184



Prof. Dr. Papp Tamás  
Vice Dean of the Faculty of Science and Informatics

