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| CARLETON UNIVERSITY  Department of Mechanical and Aerospace Engineering  PhD Comprehensive Exam and Thesis Proposal Defense | | | |
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| ***CANDIDATE:*** | Mirja Rotzoll | | |
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| ***DATE:*** | Wednesday, May 12, 2021 1:00 p.m. via Video Conference | | |
| ***THESIS TITLE:*** | **Algebraic input-output equations of four-bar kinematic chains: planar; spherical; spatial** | | |
| **EXAMINATION BOARD:** | | | |
| **Member of Department** | | R. Langlois, Dept. of Mechanical & Aerospace Engineering | |
| **Member of Department** | | R. Irani, Dept. of Mechanical & Aerospace Engineering | |
| **Chair of Comprehensive Exam** | | Andrew Speirs, Dept. of Mechanical & Aerospace Engineering | |
| **Co-Supervisor** | |  | |
| **Thesis Supervisor** | | J. Hayes, Dept. of Mechanical & Aerospace Engineering | |
| **Chair of Department** | | R. Miller, Chair, Dept. of Mechanical & Aerospace Engineering (*Ex-officio)* | |
| **Dean of Faculty** | | L. Kostiuk, Dean, Faculty of Engineering (*Ex-officio*) | |
| **Dean, Faculty of Graduate & Postdoctoral Affairs** | | P. Smith, Dean, Faculty of Graduate Studies and Research (*Ex-officio*) | |
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| Joana Rocha Associate Chair, Graduate  Department of Mechanical & Aerospace Engineering | | |  |