

Další seminář z algebry se koná 30.9.2021 od 13.00 online na platformě [ZOOM](#) a v učebně M5. Informace  
pro připojení a další program semináře je [zde](#).

## **John Bourke**

An orthogonal approach to algebraic weak factorisation systems

### Abstrakt:

Factorisation systems (both weak and strong) are commonly defined as consisting of two classes of maps satisfying a certain orthogonality relation and a factorisation axiom. The standard definition of algebraic weak factorisation system, involving comonads and monads, is rather different. The goal of this talk will be to describe an equivalent definition of algebraic weak factorisation system emphasising orthogonality and factorisation.