

*A Workshop for INDRUM2022 early career researchers:
Starting to write journal articles*

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In this workshop, we will set out from our recollections of the work we have each put towards producing a paper, either emerging from our own doctoral work or from co-authoring a paper with a doctoral student. We aim to trigger discussion on what constitutes the challenges – and ways to overcome these – of preparing a manuscript for submission to a peer-reviewed mathematics education research journal.

Participants are kindly asked to prepare for this workshop as follows:

- As we will each (attempt to!) deconstruct the process through which one of the SI papers came to be, **read** more closely the following **two papers**:
 - *Paper 1* [Reasoning About Solutions in Linear Algebra: the Case of Abraham and the Invertible Matrix Theorem](#) is a paper emerging from Megan Wawro’s dissertation work. We will discuss choices that arise when trying to publish a journal article from a broader study (such as a dissertation) and will provide suggestions for trying to focus on only a small set of focused, cohesive, and digestible results.
 - *Paper 2* [Transition from School to University Mathematics: Manifestations of Unresolved Commognitive Conflict in First Year Students’ Examination Scripts](#) is the first journal paper emerging from the doctoral research of Athina Thoma and was co-authored with Elena Nardi (supervisor). We will address how its particular focus was carved out of the (then ongoing) doctoral study and how the authors worked together to mirror in it the larger study’s claims of originality, rigour and significance.
- **Prepare** a brief, **maximum one slide, Outline of a journal paper idea** you are currently working on (or planning to work on!), including brief statements of
 - the paper’s main point; and,
 - how you aim to establish the paper’s originality, rigour (theoretical and methodological) and significance.

This preparation is entirely optional and we will aim to allocate time to as many *Journal Paper Outlines* as possible.

The two 90m sessions of the workshop will be structured as follows:

Session 1:	Session 2:
10m Welcome, introductions, session outline	10m Welcome-back, session outline
15m <i>Paper 1</i> : Genesis outline	30m Discussion of participants’ Journal Paper Outlines in pairs or small groups
20m Q&A, Reflections, Bridging to <i>Paper 2</i>	20m Brief presentations of key points from small group discussions
15m <i>Paper 2</i> : Genesis outline	20m Discussion of themes emerging from presentations, Q&A
20m Q&A, Reflections	10m Reflections and Closing
10m Bridging to Session 2	

Please **send your *Journal Paper Outline*** to Elena (e.nardi@uea.ac.uk)
and Megan (mwawro@vt.edu) by **Wednesday 12 October**.