



2017 YCCSA SUMMER SCHOLARSHIP PROJECT SUBMISSION

This form is for prospective project supervisors to submit their projects to be included in the YCCSA Summer Scholarships Programme for 2017.

It is the purpose of the YCCSA Summer School that any projects submitted are novel and interdisciplinary in nature.

Date	Summer 2017
Supervisors' Names and Departments / Affiliation and Contact Email	Susan Stepney, Computer Science susan.stepney@york.ac.uk Richard Walsh, English and Related Literature richard.walsh@york.ac.uk
Project Title	Generative Narrative Grammars
Project Description	<p>Narrative (story-telling) has a grammar of its own. But what distinguishes a narrative grammar from the grammar of a series of declarative statements? How can a narrative such as "<i>The King died. Then the Queen died.</i>" be grammatically distinguished from "<i>The King died. Then the cat sat on the mat.</i>"? How can a grammar be defined that generates narratives? How much context and semantics needs to be incorporated in the grammar for such generation?</p> <p>This project will (i) define potential narrative and declarative grammars, including a specific semantic story domain; (ii) use these grammars to mechanically generate conformant texts; (iii) evaluate the texts for narrative content and quality.</p>
Required Skills	Ability to program generative grammars. Awareness of narrative concepts and formal qualities. Some familiarity with grammars and semantics of natural language.
Supervision and Collaboration Arrangements	Both supervisors will be actively involved in co-supervision. Stepney will provide computational input; Walsh will provide narrative input.
Project Dates	<i>The summer school runs for 9 weeks, starting on Monday, 10 July 2017 and finishing on Friday, 8 September 2017.</i>
Other Information	
References	See: Gervás, P. 2009. Computational Approaches to Storytelling and Creativity. <i>AI Magazine</i> 30(3):49–62. Martens, Chris & Rogelio E. Cardona-Rivera 2016. Discourse-driven Comic Generation. http://www.cs.cmu.edu/~cmartens/comicgen.pdf

When complete, please email the form to sarah.christmas@york.ac.uk