School of Computer Science – Coursework Issue Sheet (required for each Saturn component)

Session		**Semester**	Autumn
Module Name	Advanced Computer Networks	**Code**	G54ACN
Module Convenor(s) **(CW Convenor in Bold)**	**Milena Radenkovic**		

Coursework Name	Evaluating Performance Characteristic of Opportunistic Routing Protocols in ONE	**Weight**	50%
Deliverable (a brief description of what is to be handed-in; e.g. 'software', 'report', 'presentation', etc.)	Report on performance characteristics of two opportunistic routing protocols. This report will include quantitative results write up, comparison across a range of criteria, graphs visualisation and a wide description on the pros and cons of opportunistic networks being deployed in real world scenarios.		
Format (summary of the technical format of deliverable, e.g. "C source code as zip file", "pdf file, 2000 word max", "ppt file, 10 slides max", etc.	Zip of: Configuration file, java source file of the modified files and text format of ONE output . Pdf file of the report		

Issue Date	10 October 2018
Submission Date	12 December 2018
Submission Mechanism	Moodle
Late Policy **(University of Nottingham default will apply, if blank)**	
Feedback Date	23 January 2019
Feedback Mechanism	Moodle

Instructions	- Provide description of opportunistic networks and ONE simulator. - Choose two Opportunistic DTN protocols and describe each one of them. - Design experiment set up and provide detailed explanations of the experiment scenario - Provide description of performance evaluation of the two chosen protocols in the designed scenario - Provide wider discussion on pros and cons of how Opportunistic Networks are helping with the chosen scenario. Provide comments on other related real world scenarios where opportunistic networks may be of benefit..

Assessment Criteria	- Provide description of opportunistic networks and ONE simulator. (20) - Choose two Opportunistic DTN protocols and describe each one of them. (20) - Design experiment set up and provide detailed explanations of the experiment scenario (20) - Provide description of performance evaluation of the two chosen protocols in the designed scenario (20) - Provide wider discussion on the pros and cons of how Opportunistic Networks are helping with the chosen scenario. Provide comments on other related real world scenarios where opportunistic networks may be of benefit (20).