Metamorphic Testing (MT) is a testing technique that exploits the relationships among the inputs and outputs of multiple executions of the program under test, so-called Metamorphic Relations (MRs). MT has been proven highly effective in testing programs that face the oracle problem, for which the correctness of individual output is difficult to determine. Since the introduction of MT in 1998, the interest in this testing methodology has grown immensely with numerous applications in various domains such as machine learning, bioinformatics, computer graphics, simulation, search engines, decision support, cloud computing, databases, and compilers.

The Second International Workshop on Metamorphic Testing (MET) will bring together researchers and practitioners in academia and industry to discuss research results and experiences in MT. The ultimate goal of MET is to provide a platform for the discussion of novel ideas, new perspectives, new applications, and state of research, related to or inspired by MT.

The topics of interest include, but are not limited to:
- Guidelines and techniques for the construction of MRs or MT test cases
- Prioritization and minimization of MRs or MT test cases
- Quality assessment mechanisms for MRs or MT test cases (e.g. metrics)
- Automated generation of likely MRs
- Combination of MRs
- Generation of source test cases
- Formal methods involving MRs
- Case studies and applications
- Tools
- Surveys
- Empirical studies
- Integration/comparison with other techniques
- Novel applications, perspectives, or theories inspired by MT, which can be beyond conventional software testing topics

A panel session will include selected papers addressing the challenge problem: How to bring MT to industry?

Authors are invited to submit original, previously unpublished research papers. Papers should be written in English, strictly following the ICSE 2017 formatting and submission instructions: http://icse2017.gatech.edu/?q=submission-guidelines.

The following types of submissions are accepted:
- Full research papers with a maximum length of 7 pages, including references and appendices.
- Short papers with a maximum length of 4 pages, including references and appendices. Short papers should be designated either Short Workshop or Short Panel when submitted so that the paper can be considered in the proper workshop segment.

Papers must be submitted in PDF format via the electronic submission system, which is available at https://easychair.org/conferences/?conf=met2017.

Submitted papers will be evaluated according to their rigor, significance, originality, technical quality and exposition, by at least three members of an international program committee.

At least one author of each accepted paper must register and participate in the workshop. Registration is subject to the terms, conditions and procedure of the main ICSE conference to be found at its website: http://icse2017.gatech.edu/.

Accepted papers will be published in the IEEE digital library. The official publication date of the workshop proceedings is the date the proceedings are made available in the IEEE Digital Library. This date may be up to two weeks prior to the first day of ICSE 2017. The official publication date affects the deadline for any patent filings related to published work.