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?

**Organizers:**
Laura L. Pullum, pullumll@ornl.gov, Oak Ridge National Laboratory, USA
Dave Towey, dave.towey@nottingham.edu.cn, The University of Nottingham Ningbo China, China
Upulee Kanewala, upulee.kanewala@montana.edu, Montana State University, USA
Chang-Ai Sun, casun@ustb.edu.cn, University of Science and Technology Beijing, China
Marcio Eduardo Delamaro, delamaro@icmc.usp.br, Universidade de São Paulo, Brazil