



### MEMORANDUM OF COOPERATION

between
Electronic Packaging Laboratory of University at Buffalo
and

Mechanothermodynamics and Tribo-Fatigue Research Group of Belarusian State University

### **PREAMBLE**

Recognizing the mutual benefits to be gained through cooperation promoting academic and research activities, Electronic Packaging Laboratory of University at Buffalo (EPL UB) and Mechanothermodynamics and Tribo-Fatigue Research Group of Belarusian State University (MTFRG BSU) enter into this Memorandum of Cooperation (MoC).

### **OBJECTIVES**

The primary objective of this MoC between EPL UB and MTFRGB SU is to initiate joint teaching and research collaboration in the fields of Mechanothermodynamics and Tribo-Fatigue including the following activities:

- 1) submission of join applications for research and development grants,
- 2) fulfilment of joint research and educational projects,
- 3) delivery of lectures on Tribo-Fatigue and Mechanothermodynamics in UB by Professor Sergei Sherbakov and his colleagues from BSU,
- 4) delivery of lectures on thermodynamic modelling in Mechanics in BSU by Professor Cemal Basaran and his colleagues from UB,
- 5) development of novel test equipment for wear-fatigue tests,
- 6) preparation of joint educational courses,
- 7) organization of workshops, seminars and courses,
- 8) joint publications,
- 9) exchange of undergraduate, Master and post-graduate students.

## **IMPLEMENTATION**

Parties designate Coordinators to develop and coordinate specific activities or programs: Prof. C. Basaran of the University at Buffalo and Prof. S.S. Sherbakov of the Belarusian State University. The terms of collaboration for each specific program and activity within the framework of this MoC are to be discussed and agreed additionally.

# **DURATION AND TERMINATION**

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This MoC becomes effective on the date it is signed by both parties and shall be valid for 5 years. Any changes to this MoC are subject to the written consent of both parties. This MoC may be terminated by either party at any time by a written notice of intention.

Professor Cemal Basaran

Director of Electronic Packaging Laboratory of the State University of New York at Buffalo Professor Sergei S. Sherbakov

Head of Mechanothermodynamics and Tribo-Fatigue Research Group of the Belarusian State University

June 12, 2017 June 12, 2017