

## **MEMORANDUM OF UNDERSTANDING**

**BETWEEN**  
**INSTITUTE FOR DATA ENGINEERING AND SCIENCE**  
**GEORGIA INSTITUTE OF TECHNOLOGY**  
**AND**  
**APPLIED ALGEBRA & OPTIMIZATION RESEARCH CENTER**  
**SUNGKYUNKWAN UNIVERSITY**

### **PREAMBLE**

The Institute for Data Engineering and Science (IDEaS) at Georgia Tech and Applied Algebra & Optimization Research Center (AORC) at Sungkyunkwan University agree to establish this Memorandum of Understanding (MoU) for collaborative academic and scientific programs in accordance with the following provisions.

### **ARTICLE 1 – PURPOSE OF MEMORANDUM OF UNDERSTANDING**

The purpose of this MoU is to establish close, long-term collaboration to advance topics of common interests in mathematical sciences and other related scientific disciplines. This MoU defines the range of collaboration and the forms of collective actions by the two partners.

### **ARTICLE 2 – RANGE OF COLLABORATION**

Collaboration shall be conducted in the areas of mutual benefit, including but not limited to:

- The research capacities of the two parties in the areas of data analysis, numerical linear algebra, optimization, and their applications;
- Exchange of personnel including researchers, students and Post-docs.
- Organizing joint meetings, workshops, and open schools.

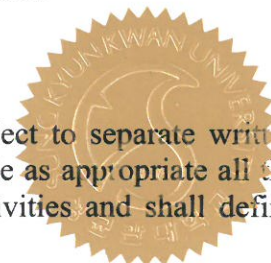
### **ARTICLE 3 – FORMS OF COLLABORATIVE ACTIONS**

The expected forms of collaboration between the two parties shall include:

- Mutual consultation and exchange of information on topics of common interests
- Initiating and implementing collaborative scholarly projects and programs
- Exchange of scientific personnel for either short-term or long-term visits

### **ARTICLE 4 – IMPLEMENTING AGREEMENTS**

Forms of the collaboration mentioned in ARTICLE 3 shall be subject to separate written implementing agreements. The implementing agreements shall include as appropriate all the detailed provisions for carrying out the concerned collaborative activities and shall define



such matters as: scope of consultation and information exchange, conditions of collaboration for research projects and programs, conditions on personnel exchange, financial provisions, liabilities, specific provisions covering intellectual property rights and exploitation rights on the results, and others as necessary. Such implementing agreements will have to be signed by IDEaS and AORC representatives. All contractual obligations for each collaborative project shall be subject to appropriate written authorization and approval as required by each party to this Agreement.

## ARTICLE 5 – DURATION – TERMINATION

This MoU takes effect as of the date of signature of the last party and shall remain valid for five years. Renewal of this agreement can occur based on a re-evaluation of the goals and the achievements of this MoU. This MoU may be terminated at any time at the discretion of either institution upon six months' advance notification in writing by registered letter to the other party. Any amendment or supplement to this MoU is subject to mutual written agreement. If none of the two parties suggests expiration, this MoU shall be automatically extended for another continuing period of five years.

Two copies of this MoU shall be signed by two parties.

On behalf of  
Institute for Data Engineering  
and Science,  
Georgia Institute of Technology  
Atlanta, GA 30332, USA

*A. Srinivas*

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Co-Executive Director  
Srinivas Aluru

*Dana Randall*

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Co-Executive Director  
Dana Randall

Date: January 16, 2018

On behalf of  
Applied Algebra and Optimization  
Research Center,  
Sungkyunkwan University  
Suwon 16419, Rep. of Korea

*Gi-Sang Cheon*

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Director  
Gi-Sang Cheon

Date: January 16, 2018

