

MEMORANDUM OF UNDERSTANDING  
BETWEEN  
AMES LABORATORY, OPERATED BY IOWA STATE UNIVERSITY  
AND  
THE UNIVERSITY OF COPENHAGEN

This Memorandum of Understanding (MOU) is between Ames Laboratory (AMES), a United States Department of Energy national laboratory operated by Iowa State University under contract DE-AC02-07CH11358, with principal offices located at 311 TASF, Iowa State University, Ames, Iowa 50011, and The University of Copenhagen (SCIENCE-UCPH), with offices located at the Niels Bohr Institute, 2100 Copenhagen, Denmark (each of AMES and SCIENCE-UCPH are referred to individually herein as "Participant" or collectively herein as the "Participants"), in recognition of the following:

SCIENCE-UCPH and AMES are leading institutions of research and development for their respective countries and share an interest in collaborating in the area of materials science to augment the expertise the scope and experience of each organization and enhance the development and application of advanced materials of both organizations.

The Participants state their understanding as follows:

I. SCOPE OF PLANNED COOPERATION

I.1. AMES and SCIENCE-UCPH intend to cooperate in the area of materials science, including but not limited to:

- Exploration of joint research activities pursuant to additional written agreement as permitted by Section 1.2;
- Exchange of faculty members, students, and scientific and technical staff, the opportunity to use the specialized equipment of each Participant via appropriate written agreement, and the exchange of specimens as permitted by applicable rules and regulations, including export control;
- Participation in seminars and academic meetings;
- Exchange of published materials, academic materials, and other information;
- Other projects as agreed upon by the Participants and believed by both Participants to be of mutual benefit.

I.2. Any collaborative research and development between the Participants is to be conducted under an appropriate written agreement.

I.3 AMES and SCIENCE-UCPH intend to exchange publicly available technical information. The Participants do not anticipate the exchange of non-public or proprietary data or the creation of intellectual property. If the Participants determine that a particular activity may lead to the

exchange non-public or proprietary data or the creation of intellectual property, they should consult with each other and enter into an appropriate written agreement therefor.

## 2. GENERAL CONSIDERATIONS

- 2.1. The conduct of cooperative activities contemplated by this MOU is subject to the availability of funding, personnel, and other resources.
- 2.2. Each Participant should conduct cooperation under this MOU in accordance with applicable laws and regulations to which it is subject, and international agreements to which its Government is a party.
- 2.3. Each Participant is responsible for its own costs it incurred through participating in cooperative activities under this MOU.
- 2.4. This MOU does not create any legally binding obligations.

## 3. COORDINATION

- 3.1. Each Participant should designate a Principal Coordinator to serve as the central point of contact through whom all communications concerning the cooperation is to be made.

The initial Principal Coordinators are as follows:

### **For AMES:**

Name: Vitalij Pecharsky  
Title: Distinguished Professor  
Address: Ames Laboratory  
2416 Pammel Drive  
253 Spedding Hall  
Ames, IA 50011-2416  
Phone: 515-294-8220  
E-Mail: vitkp@ameslab.gov

### **For SCIENCE-UCPH:**

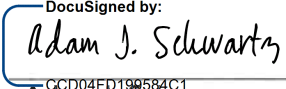
Name: Bente J. Andersen  
Title: Senior adviser  
Address: University of Copenhagen  
Niels Bohr Institute  
Blegdamsvej 172100 Copenhagen, Denmark  
Phone: +45 35335840  
E-Mail: bjanders@nbi.ku.dk

#### 4. COMMENCEMENT, MODIFICATION, AND DISCONTINUATION

- 4.1. Cooperative activities under this MOU may commence upon signature by the Participants, and continue for a period of five (5) years from the date of the last Participant signature to this MOU, unless sooner discontinued in accordance with paragraph 4.3.
- 4.2. This MOU may be modified by the Participants' mutual consent in writing.
- 4.3. The Participants may discontinue cooperation under this MOU at any time by mutual consent in writing. Alternatively, a Participant that wishes to discontinue its participation in this MOU should endeavor to provide at least 30 days written notice to the other Participant.

Signed in duplicate.

FOR AMES

DocuSigned by:  
  
By: \_\_\_\_\_  
Name: Adam J. Schwartz  
Title: Director of Ames Laboratory  
Date: 7/31/2017  
Place: Ames, Iowa, United States of America

FOR SCIENCE-UCPH

  
By: \_\_\_\_\_  
Name: Niels Oders  
Title: Acting Head of Institute  
Date: \_\_\_\_\_  
Place: Copenhagen