

ISO/IEC JTC 1/WG 7
Working Group on Sensor Networks

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6 June, 2010

Ms. Jooran Lee
JTC 1 Working Group 7 Secretary
Korean Standards Association
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Dear Ms. Jooran Lee:

The purpose of this letter is to seek a Formal Category C Liaison between IEEE Instrumentation and Measurement (I&M) Society Technical Committee 9 (TC-9) Sensor Technology and ISO/IEC JTC 1 Working Group 7 on Sensor Networks.

The goals of IEEE I&MS TC-9 include the following:

Develop, promote and support standards in sensor-related communication technology, user applications and industry sensor interface needs;

To evaluate and, where appropriate, amend existing sensor standards;

To review sensor interfaces and their application in user, government and industry segments of technology;

To maintain liaison with other societies and organizations working in the same or related areas.

IEEE I&MS TC-9 has a multi-national membership and widespread technical expertise in the topics addressed within ISO/IEC JTC 1 WG7. It sponsors the IEEE 1451 series of standards for smart transducer interfaces for sensors and actuators and IEEE 1588 Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems (adopted intact by IEC as IEC 61588 Ed.2 under the IEC/IEEE Dual Logo Agreement). These are included in the terms of reference in JTC 1 N9888 for the establishment of WG7. Representatives of this committee have also participated in the predecessor JTC 1 Study Group on Sensor Networks.

IEEE has sponsored a number of standards which have been adopted by ISO/IEC JTC 1 or jointly developed between the two organizations. We also have a number of liaison relationships. For example, the IEEE Computer Society has a Category A liaison relationship with ISO/IEC JTC 1 Software & System Engineering; the Computer Society Local and Metropolitan Networks Standards Committee has a Category C liaison with ISO/IEC JTC 1 SC 6 Telecommunications and Information Exchange between Systems; and IEEE I&MS TC-9 has a Category C liaison with ISO/IEC JTC 1 SC 31/WG4.

If a Category C liaison were to be established, the I&MS TC-9 agrees to follow the JTC 1 procedures for work conducted under this liaison relationship.

IEEE I&MS TC-9 respectfully requests ISO/IEC JTC1 WG 7 to approve such a Category C liaison.

If you require further information, please do not hesitate to contact me. I look forward to your response.

Best regards,

Kang Lee,



Chair, IEEE I&MS TC-9

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