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## LETTER OF REFERENCE FOR DR. JULIEN BEAUDAUX

To Whom It May Concern:

My name is Yuming Jiang. I am a full Professor in the Department of Telematics<sup>1</sup> at the Norwegian University of Science and Technology (NTNU), Norway. I am presently, August 2015 – July 2016, spending my sabbatical at Columbia University, USA, as a visiting professor. I worked in industry for 6 years. With this background, I am very pleased to provide this reference letter for Dr. Julien Beaudaux.

Dr. Julien Beaudaux worked with me at NTNU for one year, from November 2013 to October 2014. Over this period, he helped me coordinate a sensor network project at NTNU, initiated and supervised a Master thesis project on cloud-computing storage systems, helped me on the forming of a consortium for an EU H2020 proposal on wireless sensor networks, and, *initiated and developed a project proposal on personalized healthcare which led to the submission of another EU H2020 grant proposal*.

As a highlight, he devised an idea for integrated life-logging which collects data on patients' lifestyle and health trajectories. In this context, he drew on his knowledge and competence in wireless networking, embedded systems and cloud-computing to develop a wireless sensor-based approach. This integrated life-logging idea and approach attracted the interest of several partners, including the St. Olavs Hospital that is a regional and major hospital in Norway. Dr. Beaudaux brought this idea further to the next step by *initiating and managing an international consortium* together with me, which led to the submission of the EU H2020 proposal on healthcare.

In short, Dr. Julien Beaudaux, though only with one-year stay, brought a lot fresh air to us. He was strongly *self-motivated, enthusiastic, creative, and devoted*, with a competitive *cross-disciplinary background in embedded system, computer networking, cloud computing storage, and Internet of things*. I strongly believe he is a promising candidate for the position he is applying for. I recommend him with no reservation and wish you would give him favorable consideration. Should additional information or elaboration is needed, please feel free to contact me.

Yours sincerely,

Yuming Jiang

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<sup>1</sup> Department of Telematics deals with communication networks and networked services, encompassing technology, society, and economics. The Department has 3 focused areas: Networks, System Engineering, and Information Security.