



ROYAL
ACADEMY OF
ENGINEERING



GLOBAL
GRAND
CHALLENGES
SUMMIT **2019**

**GLOBAL GRAND CHALLENGES SUMMIT 2019:
Engineering in an unpredictable world**

**Student Collaboration Lab Event:
Thursday 12 – Monday 16 September
County Hall, London**

**Summit: Monday 16 - Wednesday 18 September
Southbank Centre, London**

Tiesong Zhao

Fuzhou University

**No. 2, Xueyuan Road, New District, Fuzhou University, Fuzhou,
Fujian Province, China**

June 6, 2019

Dear Tiesong Zhao,

I am delighted to invite you to the Global Grand Challenges Student Collaboration Lab event and the Global Grand Challenges Summit 2019, the first of a new series of Summits in partnership with the US and Chinese national academies of engineering. The Summit will bring together inspirational world leaders with the next generation of engineers and change makers to build creative collaborations and discuss the grand challenges facing the world.

Humanity is facing unprecedented challenges from a growing population and accelerating degradation of the planet and its resources. At the same time, fast-growing technological changes are making the world smarter, faster and more connected, but with unanticipated consequences. Engineers are crucial to the international effort to address these rapidly evolving, unpredictable challenges. Collaboration, diversity and global responsibility are key to transforming the way engineers work, think and are taught. The Summit's two sub-themes, which relate to the US National Academy of

Engineering's 14 grand challenges, and recognize and capture the Sustainable Development Goals, are:

- **Will AI and other transformational technologies change humanity for the better?**
- **Can we sustain 10 billion people?**

Engineers, researchers, innovators, entrepreneurs, and policymakers will attend the Summit, which will consist of insightful parallel sessions, plenary talks from notable speakers, panel discussions and fringe events. It is an excellent opportunity to engage in debates focused on how engineers from around the world are framing and addressing our greatest challenges.

When registering, please select the option '**CN mentor**'. The Chinese Academy of Engineering will coordinate your travel to London, and the Royal Academy of Engineering will provide transfers, accommodation and meals for the duration of the Collaboration Event and Summit. *Please note that this invitation is specific to you and non-transferable.*

I very much hope you can attend and look forward to seeing you in September.

The deadline to register is Friday 21 June 2019.

[Please Register Your Place here](#)

All best wishes,



From the Chief Executive
Dr Hayaatun Sillem FIET

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