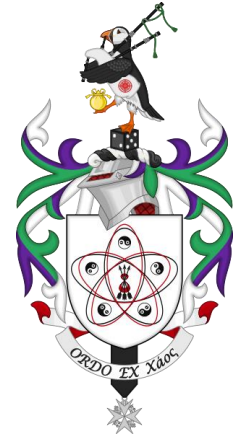


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Professor Philip Thomas DSc CEng
Master, Worshipful Company of Scientific Instrument Makers
Glaziers' Hall
9 Montague Close
London SE1 9DD

12 February 2023

Dear Master,

**Economically Competitive Fusion Energy, Scientific Instrument Makers'
SIMposium, 3 April 2023**

Science has long harboured the dream of giving the world abundant, low-carbon energy by harnessing the same process that powers the sun and sustaining nuclear fusion here on earth. Economists and financiers know this is not enough, however, because the gigawatts of fusion power must also be made cheap enough to compete with the other energy sources out there.

Having always worked at the boundary between science and economics, this is why I applaud the Scientific Instrument Makers in staging your SIMposium to explore how close modern fusion techniques are to commercial take-off, and what scientific and financial progress still needs to be made.

I originally planned to be with you in April and, but for a pressing personal commitment, I would have been delighted to offer my own thoughts on fusion and learning curves. I fully endorse the aims of your SIMposium and wish you every success in an important initiative to bring science and the City together!

Yours sincerely,

A handwritten signature in black ink that reads 'Michael Mainelli'.

Professor Michael Mainelli FCCA FCSI(Hon) FBCS FRSA
Alderman for Broad Street, Senior Alderman Below The Chair, past Sheriff of
the City of London 2019-2021