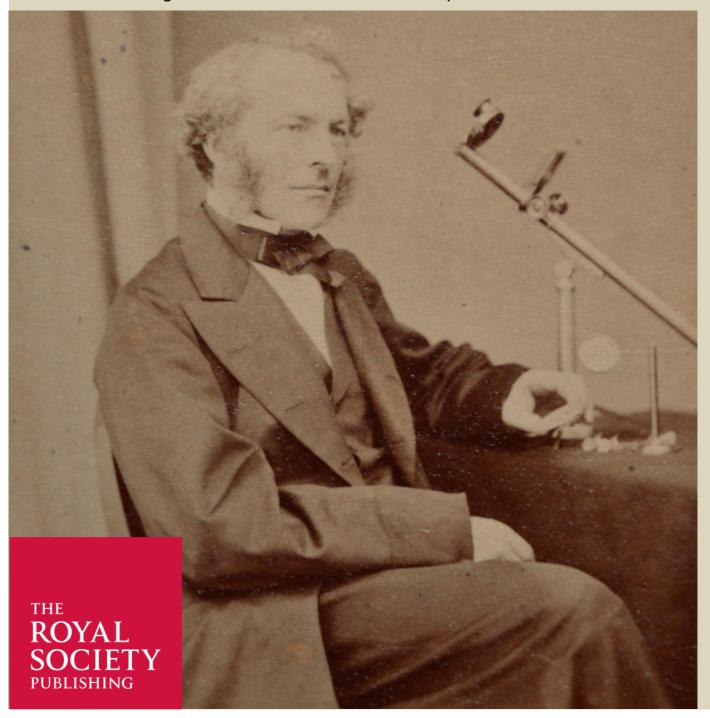
PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY A

MATHEMATICAL, PHYSICAL AND ENGINEERING SCIENCES

Stokes at 200 (Part 2)

Theme issue compiled and edited by Silvana Cardoso, Julyan Cartwright, Herbert Huppert and Christopher Ness

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About this issue

Sir George Gabriel Stokes PRS was for thirty years an inimitable Secretary of the Royal Society and its President from 1885 to 1890. Two hundred years since his birth, Stokes is a towering figure in physics and applied mathematics; fluids, asymptotics, optics, acoustics among many other fields. At the Stokes200 meeting, held at Pembroke College, Cambridge from 15-18th September 2019, an invited audience of about 100 discussed the state of the art in all the modern research fields that have sprung from his work in physics and mathematics, along with the history of how we have got from Stokes' contributions to where we are now. This theme issue is based on work presented at the Stokes200 meeting. In bringing together people whose work today is based upon Stokes' own, we aim to emphasize his influence and legacy at 200 to the community as a whole.

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Cover image:

Stokes with a spectroscope. The photograph was taken at 'Sawyer's Italian Studios' in Norwich on the occasion of the 1868 meeting of the British Association for the Advancement of Science, of which he was president the following year. Image courtesy of The History of Science Museum, Oxford.

Contents

INTRODUCTION

Stokes at 200 (part 2)

SSS Cardoso, JHE Cartwright, HE Huppert and C Ness

ARTICLES

George Gabriel Stokes as a biologist

R Ceredia

John Couch Adams: mathematical astronomer, college friend of George Gabriel Stokes and promotor of women in astronomy

D Krajnović

On the fate of sinking diatoms: the transport of active buoyancyregulating cells in the ocean

J Arrieta, R Jeanneret, P Roig and I Tuval

Passively parallel regularized stokeslets

MT Gallagher and DJ Smith

Stokes settling and particle-laden plumes: implications for deep-sea mining and volcanic eruption plumes

N Mingotti and AW Woods

Radial spreading of turbulent bubble plumes

A Sigurðardóttir, J Barnard, D Bullamore, A McCormick, J Cartwright and S Cardoso

A note on the Stokes phenomenon in flow under an elastic sheet CJ Lustri, L Koens and R Pethiyagoda

Geometric mixing

J Arrieta, JHE Cartwright, E Gouillart, N Piro, O Piro and I Tuval

Stokes drift in coral reefs with depth-varying permeability

JJ Webber and HE Huppert

The fluid mechanics of poohsticks

JHE Cartwright and O Piro

Photo-bioconvection: towards light control of flows in active suspensions

A Javadi, J Arrieta, I Tuval and M Polin

Stokes' law, viscometry, and the Stokes falling sphere clock JHE Cartwright