

# SCIENCE

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## THE INTERNATIONAL RELATIONSHIP OF MINERALS<sup>1</sup>

By Sir THOMAS HOLLAND

RECTOR OF THE IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY, LONDON, PREVIOUSLY PROFESSOR  
OF GEOLOGY AND MINERALOGY IN THE UNIVERSITY OF MANCHESTER

A FEW years ago members of this association looked forward annually to a generalized statement of the results of their president's own research work in science. The rapid specialization of science, with its consequent terminology, has, however, made it increasingly more difficult in recent years for any worker to express himself to his fellow-members.

Last year at Glasgow most of us expected that the hidden secrets of crystals would be revealed by one whose capacity for popular exposition accompanies a recognized power for extending the boundaries of science. Instead, Sir William Bragg released his store of accumulated thought on the relationship of

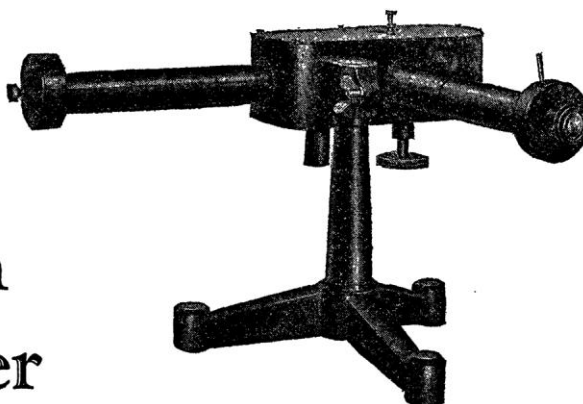
science to craftsmanship in a way which gave each specialized worker an opportunity to adjust his sense of relativity and proportion.

If I attempted now to summarize my scattered ideas on the outstanding problems of micropetrology, I might possibly find half-a-dozen members charitably disposed to listen, and of them perhaps one might partly agree with my theoretical speculations. We have indeed to admit that the science of petrology, which vitalized geological thought at the end of the last century, has since passed into the chrysalid stage, but, we hope, only to emerge as a more perfect imago in the near future.

Coincident with the excessive degree of specialization which has developed with embarrassing rapidity within the present century, the problems of the great

<sup>1</sup> Address of the president of the British Association for the Advancement of Science, Cape Town, South Africa, July 31, 1929.

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