during August 20–28. Membership of the Congress, which is open to all qualified persons, will cost 10 dollars. Members may present two papers only, each not exceeding fifteen minutes in duration, and abstracts, not more than four hundred words in length, must be sent on the correct forms to the organizing committee not later than June 1; members of the Congress who will not be able to attend in person may send only one paper. Five minutes will be allowed for discussion after the reading of each paper. The official languages of the Congress are English, French, German and Italian. The Congress will be divided into five sections, dealing with the following subjects: (1) elasticity, plasticity and rheology; (2) fluid mechanics (aerodynamics and hydrodynamics); (3) mechanics of solids (ballistics, vibrations, friction and lubrication); (4) statistical mechanics, thermodynamics and heat transfer; (5) mathematics of physics and mechanics, and methods of computation. A few outstanding personalities will be invited to deliver addresses, and there will also be a lecture by a specialist in each section of the Congress, mainly in order to present research in fields in which great advances have been made in recent years. A large number of official functions, excursions, etc., will be arranged. Further information concerning travel and accommodation can be obtained from the American Express Company, Inc. (London address: 6 Haymarket, London, W.C.2), which is the official travel agency for the Congress. All communications dealing with Congress matters should be addressed to the secretariat at P.O. Box 245, Istanbul, Turkey.

City and Guilds of London Institute: Fellowships

THE Council of the City and Guilds of London Institute have conferred the fellowship of the Institute on the following past students of the City and Guilds College: Mr. Atholl Blair and Mr. Harry Shoosmith. Mr. Blair has spent his working life with Harland and Wolff, of Belfast, where he is manager of the Engine Works, and a director since 1934. He has been concerned with the construction and installation of machinery in all steam and diesel vessels built at Belfast, and has published several articles on marine propulsion, the diesel engine and on educational matters connected with the shipbuilding industry. Mr. Shoosmith has been associated with the Willan and Robinson works at Rugby, G. Kynock and Co., Ltd., Birmingham, Priestman Brothers of Hull, and Wm. Cory and Son, Ltd. As chief engineer of Cory's he was responsible for the design and construction of all types of coal and oil handling plant, loading stations and craft used in the industry. In 1934 he left Cory's and has since practised as a consultant with a world-wide reputation in his particular field of fuel handling.

Institution of Naval Architects

THE Institution of Naval Architects is offering a scholarship in naval architecture, worth £175 a year, which is open to British apprentices or pupils, less than twenty-three years of age, in the Royal Dockyards or private shipyards; entries close on January 15. The Institution is offering three other scholarships, also of £175 a year, to British subjects less than nineteen years of age, the entries for which close on May 31: a Trewent scholarship in naval architecture for apprentices or pupils in private shipyards; and a Denny scholarship in naval architecture and one in marine engineering, tenable for four years at the University of Glasgow, with apprenticeship of five years, for those who have not yet begun their apprenticeship. Further particulars of the scholarships can be obtained from the secretary of the Institution at 10, Upper Belgrave Street, London, S.W.1.

The Night Sky in January

FULL moon occurs on Jan. 12d. 04h. 55m., U.T., and new moon on Jan. 26d. 22h. 26m. The following conjunctions with the moon take place: Jan. 3d. 20h., Jupiter 5° S.; Jan. 19d. 09h., Saturn 7° N.; Jan. 20d. 12h., Mars 7° N.; Jan. 24d. 07h., Venus 6° N.; Jan. 25d. 16h., Mercury 3° N.; Jan. 31d. 12h., Jupiter 5° S. Mercury is a morning star, rising at 6h. 20m., 6h. 45m. and 7h. 20m., on January 1, 15 and 31, respectively, but towards the end of the month it is too close to the sun for favourable observation. Venus, a morning star, rises at 4h. 40m., 5h. 15m. and 5h. 45m., on January 1, 15 and 31, respectively, stellar magnitude $-3{\cdot}5$ and the visible portion of the illuminated disk varying from 0·71 to 0·80. Mars is a morning star, rising at 1h. 15m., 1h. and 0h. 35m. on January 1, 15 and 31, respectively; in the early part of the month it lies a little north of the bright star Spica (α Virginis). Jupiter sets at 23h. 50m. on January 1 and 22h. 15m. on January 31, during which time its stellar magnitude varies between -2 and $-1{\cdot}8$. Saturn, a morning star, rises at 0h. 40m., 23h. 45m. and 22h. 40m. at the beginning, middle and end of the month, respectively. Occultations of stars brighter than magnitude 6 are as follows, observations being made at Greenwich: Jan. 7d. 20h. 21·8m., q Taur. (D); Jan. 7d. 20h. 25·3m., 18 Taur. (D); Jan. 7d. 20h. 43·8m., 21 Taur. (D); Jan. 14d. 20h. 32·3m., ψ Leon. (R); Jan. 17d. 04h. 54·7m., 79 Leon. (R); Jan. 29d. 18h. 46·7m., 293B. Aquar. (D). D and R refer respectively to disappearance and reappearance. The earth reached perihelion on January 4.

Announcements

PROF. J. C. ECCLES, professor of physiology, University of Otago, will deliver the Waynflete Lectures at Magdalen College, Oxford, on Fridays, beginning January 25. He will speak on "The Neurophysiological Basis of Mind".

A NATIONAL conference on "Science for Peace" will be held in the Holborn Hall, Grays Inn Road, London, W.C.1, during January 19–20. The conference will be divided into three sessions, during which proposed general principles will be presented by F. le Gros Clark, organizational proposals by Prof. Kathleen Lonsdale and a summing-up and closing remarks by Prof. C. F. Powell. Further information can be obtained from Dr. A. H. Gordon, *Science for Peace*, 49 Flower Lane, London, N.W.7.

A SYMPOSIUM on the physical chemistry of molten oxides, sulphides, silicates and other salts will be held on February 20 by the Nuffield Research Group in Extraction Metallurgy at the Royal School of Mines, London. Particular attention will be paid to slags and mattes of importance in metal extraction. Further details can be obtained on application to Dr. F. D. Richardson, Department of Metallurgy, Royal School of Mines, Prince Consort Road, London, S.W.7.

WE regret that in *Nature* of December 29, p. 1114, the name of H.M. Astronomer at the Cape of Good Hope was incorrectly printed; his name is Dr. R. H. Stoy.