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Russian infiltration halted?

The following letter has been received from Professor P. A. Young, Head of the Department of Mining and Mineral Engineering at The University of Leeds, England.

I read Mr Falcon's useful paper 'The Gravity Recovery of Cassiterite' [*J. S. Afr. Inst. Min. Metall.*, vol. 82, no. 4. Apr. 1982. pp. 112 - 117] with much interest, but I don't think he should be allowed to get away with *Kiev tubs*! Let him rest assured, there's no Russian influence here — a kieve, keeve, or kive is simply a tub, and an Old English one at that. The Oxford English Dictionary quotes the form *cyfe* from about

A.D. 1000, and defines it as 'in Mining, a vessel in which tin or copper ore is washed'. An etymologically related mining word is *kibble* (from the Low German *küven* and Middle High German *kübbel*).

I remember seeing mechanically rotating kieves with mechanized hammers in use in a tin yard in Cornwall in the 1950s (typical Cornish ingenuity!).

Thank you, Professor, for your correction and explanation of the derivation of the word. Caught red-handed, and now red-faced, author and editor hang their heads in shame.

Editor

Extractive and process metallurgy

The first annual TMS-AIME Extractive and Process Metallurgy Fall Meeting:1983 International Sulfide Smelting Symposium, will be held from 6th to 9th November, 1983, in San Francisco. This new meeting has been established to provide a forum for the presentation of advances in the technology associated with extractive and process metallurgy. Future TMS-AIME Extractive and Process Metallurgy Fall Meetings will also take the form of theme-oriented symposia, focusing on a specific topic of current interest in response to the needs of the extractive and process metallurgical community.

The three-day Symposium will consist of a plenary session of invited lecturers by internationally known speakers on topics of smelter operations, technology, development, economics, and science. Eight parallel sessions will cover the major areas of commercial sulphide-smelting operations; sulphide-smelting technology development, including bench and pilot-plant operations;

smelter facilities and maintenance; byproducts and gas treatment; fundamental aspects, basic research, and laboratory investigation; process economics; and environmental control.

Abstracts are invited by 10th January, 1983. These should be submitted on TMS abstract forms to either the sponsoring committees (Pyrometallurgy Committee, Lead/Zinc/Tin Committee, Physical Chemistry Committee, Metallurgical Process Economics Committee, Environmental Control Committee) or Professor H. Y. Sohn, General Meeting Chairman, Department of Metallurgy and Metallurgical Engineering, University of Utah, Salt Lake City, UT 84112 - 1183, U.S.A.

For more information on paper submission, final programme, and the proceedings, contact Marilyn Zabel, Meetings Manager, The Metallurgical Society of AIME, 420 Commonwealth Drive, Warrendale, PA 15086, U.S.A.