

Editorial

Physics and Chemistry of Minerals is now in its 7th year. Since it was founded in January, 1977, ten volumes have been published that comprise about 350 scientific contributions including comments and replies. With the beginning of Volume 11 we believe that a brief retrospective is justified along with consideration of future directions for the journal. Thus far, the majority of published papers have been on spectroscopic studies of mineral structures, physical properties of minerals, mineral structures at high temperatures and high pressures, real structures of minerals, and theory of chemical bonding in minerals. While many contributions published in *Physics and Chemistry of Minerals* have been in the fields of earth sciences, a number of papers have been in interdisciplinary fields related to solid state chemistry and solid state physics. In the future, we believe that more emphasis on publications in such interdisciplinary fields would be particularly desirable. Also, beginning

with Volume 11 we should like to encourage more papers from the field of solid-state geophysics – that is, papers in which an understanding of the physics and chemistry of minerals is applied to geophysical problems. We believe that such papers would be complementary to papers being published in other fields and would enrich the general scope of the Journal. We also wish to publish more short communications and occasional topical reviews both of which help make *Physics and Chemistry of Minerals* a more useful forum for the exchange of ideas in this interdisciplinary field.

I. Jackson, Canberra, Australia
A.S. Marfunin, Moscow, USSR
C.T. Prewitt, Stony Brook, New York, USA
F. Seifert, Kiel, FRG