

in the periodic system. In making this classification one ought to take into consideration principally the *fundamental* chemical properties, namely the maximum valency, the relative stabilities of the various oxidation states, etc. Such considerations exclude the possibility of gathering the elements of atomic numbers 89-98 into a single family. A complex evolution of chemical properties is rather observed in the 7<sup>th</sup> period. It can be summarised as follows:

- (1) The elements from Fr to U ought to be arranged normally in the vertical groups I-VI.
- (2) The three following elements Np, Pu, Am have strict analogies with U and form a *uranide* group with it.
- (3) Starting with Cm, there is a predominance of valency III and the appearance of a *curide* group whose properties seem to be close to those of the lanthanides Gd, Tb, Dy...

This arrangement is in agreement with the most recent physical measurements on the electronic distribution.

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## CONGRESSUS

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L'inscription au cycle de conférences est fixée à 15 francs suisses, payables à Lausanne.

Pour les inscriptions et pour tous renseignements, s'adresser au Prof. HAUDUROY, 19, rue César-Roux, Lausanne.

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## Canada

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### XIX<sup>th</sup> International Physiological Congress Montreal

A symposium on *The Future and Limitations of Physiology* will be held under the auspices of the International Union of Physiological Sciences in Montreal during the meetings of the XIX<sup>th</sup> International Physiological Congress (August 31<sup>st</sup>-September 4<sup>th</sup>, 1953). The symposium has been made possible by a grant from the International Council of Scientific Unions.

The participants will be especially invited. The first meeting of the symposium will be a public one, and Congress members will be given the opportunity of speaking from the floor.

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Booklets of General Information for the XIX<sup>th</sup> International Physiological Congress, to be held in Montreal, Canada, from August 31<sup>st</sup> to September 4<sup>th</sup>, 1953, have recently been mailed to the headquarters of the appropriate scientific societies throughout the world. Members of these societies will receive the booklets from the headquarters of their societies. Others who wish to receive the information should write directly to "The Executive Secretary, Physiological Congress Office, McGill University, Montreal".

The Booklets contain forms for registration for the Congress and for the submission of communications and demonstrations.

Owing to an oversight, no form has been included for the submission of films other than those used to illustrate ordinary communications. Prospective members of the Congress who wish to show such films should write to the Congress Office before May 1<sup>st</sup>, 1953 stating the names of the authors, the title of the film, the running time, and whether 16 mm or 35 mm, silent or sound.