

19 December 2019

## MEMORANDUM OF UNDERSTANDING

Between  
International Union of Pure and Applied Physics (IUPAP)  
AND  
International Union of Pure and Applied Chemistry (IUPAC)  
On their cooperation to promote Science

RECOGNISING the close connections between Physics and Chemistry, and that many scientific advances depend on co-operation of physicists and chemists,

TO BUILD ON AND CONSOLIDATE the recent joint work of the two Unions in

- a) Establishing new criteria for establishing claims for the discovery of new elements, through the IUPAC/IUPAP Joint Working Group to Examine the Criteria used to Verify Claims for the Discovery of New Elements, the report of which is at Pure Appl. Chem. 2018; 90(11): 1773–1832.
- b) Establishing the *IUPAC and IUPAP Procedures for Validating Claims for the Discovery of New Elements and Naming those Elements* by the International Union of Pure and Applied Physics (IUPAP), 9 October 2017 and International Union of Pure and Applied Chemistry (IUPAC), 18 September 2017, which are available as attachment 2 of the above report.
- c) The Celebration of the International Year of the Periodic Table of Chemical Elements

RECOGNISING that the role of basic sciences, such as physics and chemistry, in supporting sustainable development is underrecognized and that the Unions should work together to publicize the importance of their subjects

The International Union of Pure and Applied Physics and the International Union of Pure and Applied Chemistry agree that

1. Each Union will invite the President of the other Union to attend, in person or through a nominee, suitable sessions of their General Assembly.
2. The two Unions agree that they will consult together when requests for nominations and/or comments on documents, such as draft plans and policies, are received from international bodies, such as the International Science Council. Every effort will be made to provide consistent responses, but each Union remains free to take an independent position, when desired.
3. IUPAC will appoint the President of the IUPAC Division of Inorganic Chemistry, or their nominee, as an Associate Member of the IUPAC Commission on Nuclear Physics who can attend meetings of the Commission at their own expense in a non-voting capacity, and IUPAC will appoint the Chair of the IUPAC Commission on Nuclear Physics or their nominee to a similar visiting position on the IUPAC Division of Inorganic Chemistry.
4. IUPAC invites IUPAC to nominate a person to be appointed to the IUPAC Working Group on Soft Matter.
5. This MOU may be modified by agreement between the Unions. Any variation which deletes a clause shall take effect 2 months from the date of the agreement
6. This agreement will be reviewed at least every three years by the Unions
7. Neither party to this MOU shall have any legal or financial obligations to the other party to this MOU, unless agreed to in a separate, written agreement and signed by both parties.
8. This MOU shall become effective upon the signature of both parties hereto and may be renewed at the discretion of both parties hereto.

President  
International Union of Pure and Applied Physics

President  
International Union of Pure and Applied Chemistry