

—CALL FOR PAPERS—

HYLE: International Journal for Philosophy of Chemistry

invites papers for a

Special Issue on the Occasion of its 20th Anniversary, on

General Lessons from Philosophy of Chemistry

Deadline: July 31, 2014

Two decades ago, before the launch of HYLE as the first-ever journal for philosophy of chemistry, the field hardly existed. The few publications were scattered in diverse, sometimes obscure places or had to pay tribute to the prevailing taste of philosophers of mathematical physics in order to be accepted by frequently all too ignorant referees and editors. Fortunately things have radically changed in the meantime. Philosophy of chemistry is now an internationally established field, not yet as strong as philosophy of biology, which took off already in the 1970s, but steadily growing and increasingly self-confident.

Many of us no longer look for how chemistry can be pressed into the one-sided schemes of the received philosophy of science, but instead try to develop new views that are informed by a deeper comprehension of both chemistry and general philosophy. Such views have the potential to challenge, correct, or reconfigure our general understanding of science, which after all is a central task of philosophy. What better topic could there be for an anniversary issue than the broader impact of philosophy of chemistry on our general understanding of science?

We particularly welcome papers that address general issues from the following non-exclusive list:

- Do philosophical studies of chemistry require new methods, approaches, or styles that have been ignored or undervalued by the received philosophy of science? For instance, does philosophy of chemistry need a different emphasis on empirical, historical, or sociological approaches or a true collaboration between philosophers and scientists?
- How do the results of philosophy of chemistry fit into the broader philosophical understanding of science? Do they supplement, enrich, relativize, or overturn the conventional wisdom?
- If chemistry rather than mathematical physics had traditionally been in the focus, how would philosophy of science look like nowadays? For instance, would there be different concepts, topics, and philosophical disciplines important, like ethics, social philosophy, philosophy of technology, aesthetics, and semiotics, rather than the received minimal program of formal logic, epistemology, and ontology, which rigorously cuts off the human context from science?
- How does philosophy of chemistry contribute to general philosophical issues of ontological, epistemological, ethical, or other nature? Do new perspectives on chemistry help us find solutions to age-old problems that the received blindness for chemistry has overlooked?
- Does philosophy of chemistry provide a more useful service to scientists and society than the received isolated discourse of philosophy of science? For instance, does it better help frame or reframe scientific issues or mediate between science and society?

Manuscripts should follow the Guidelines for Authors, available on the HYLE website (<http://www.hyle.org>). Send inquiries regarding the suitability of submissions etc. and your submission in appropriate form for anonymous review no later than July 31, 2014 to Joachim Schummer, Editor-in-chief of HYLE (editor@hyle.org).