

### **The aim of science - knowledge or wisdom**

**Müürsepp, Peeter** Problemos : mokslo darbai = Problemos : research papers 2013 / p. 72-83

<https://doi.org/10.15388/problemos.2013.0.1777> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Chemistry as a practical science : Edward Caldin revisited**

**Müürsepp, Peeter** Foundations of chemistry 2016 / p. 113-123 <https://doi.org/10.1007/s10698-015-9244-x> [Journal metrics at Scopus](#)

[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Chemistry as a practical science (Edward Caldin revisited)**

**Müürsepp, Peeter** Foundations of chemistry 2016 / p. 213-223 <https://doi.org/10.1007/s10698-016-9257-0> [Journal metrics at Scopus](#)

[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Chemistry as the basic science**

**Müürsepp, Peeter**; Nuryшева, Gulzhikhan; Ramazanova, Aliya; Amirkulova, Zhamilya Foundations of chemistry 2021 / p. 69–83

<https://doi.org/10.1007/s10698-020-09357-5>

### **Critical contextual empiricism as a version of pluralist realism**

**Müürsepp, Peeter**; Nuryшева, Gulzhikhan; Syrgakbayeva, Akmaral; Sartayeva, Raushan Acta Baltica historiae et philosophiae

scientiarum 2019 / p. 5-22 [https://www.ester.ee/record=b2941458\\*est](https://www.ester.ee/record=b2941458*est) <https://doi.org/10.11590/abhps.2019.3.01> [Journal metrics at Scopus](#)

[Article at Scopus](#)

### **Foreword**

Mets, Ave; **Müürsepp, Peeter**; Lõhkivi, Endla Acta Baltica Historiae et Philosophiae Scientiarum 2024 / p. 3-5

<https://doi.org/10.11590/abhps.2024.1.00> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **From the dual character of chemistry to practical realism and back again : philosophy of science of Rein Vihalemm**

**Müürsepp, Peeter**; Bekenova, Zhumagul; Nuryшева, Gulzhikhan; Usenov, Galymzhan Problemos : mokslo darbai = Problemos :

research papers 2019 / p. 107-120 <https://doi.org/10.15388/Problemos.96.9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Article at WOS](#)

### **Introduction**

Mets, Ave; Lõhkivi, Endla; **Müürsepp, Peeter**; Eigi-Watkin, Jaana Practical realist philosophy of science : reflecting on Rein

Vihalemm's ideas 2024 / p. 1-15 <https://rowman.com/ISBN/9781666937220>

### **Is metaphysics exhausted? The Kantian roots of practical realism**

**Müürsepp, Peeter** From  $\phi$ -science to practical realism : an international conference in honour of Rein Vihalemm (1938–2015) :

August 13-14, 2019, University of Tartu, Tartu, Estonia, Jakobi 2, room 336 : book of abstracts 2019 / p. 10

[https://www.fifi.ut.ee/sites/default/files/fl/book\\_of\\_abstracts\\_0.pdf](https://www.fifi.ut.ee/sites/default/files/fl/book_of_abstracts_0.pdf)

### **Metaphysics : inside or outside of science?**

**Müürsepp, Peeter** Studia Philosophica Estonica 2017 / p. 45–61 <https://www.spe.ut.ee/ojs/index.php/spe/article/view/269>

### **On the limits of exact science**

**Näpinen, Leo** Modelling, logical and philosophical aspects of foundations of science. Vol. I 2016 / p. 160-182 <https://www.lap-publishing.com>

### **Philosophy of science between physics and chemistry**

**Müürsepp, Peeter** Journal of philosophy, culture and political science 2019 / p. 23-29 <https://bulletin-philospolit.kaznu.kz/index.php/1-pol/article/view/1026/988>

[Article at Scopus](#)

### **Practical realism and material practices**

**Müürsepp, Peeter** ESHS Bologna 2020 : 9th Conference of the European Society for the History of Science : Visual, Material and

Sensory Cultures of Science, Bologna (Italy), 31 August - 3 September 2020 : Program & Book of Abstracts 2020 / p. 265

<https://drive.google.com/file/d/10zyRKEvV98wc52ujou1twQ05tHYBCXGq/view>

### **Practical realism and metaphysics in science**

**Müürsepp, Peeter** CLMPST 2019: 16th International Congress of Logic, Methodology and Philosophy of Science and Technology :

Bridging across academic cultures, Prague, 5-10 August 2019 2019 / p. 341 <http://clmpst2019.flu.cas.cz/programme/book-of-abstracts/>

### **Practical realist philosophy of science : reflecting on Rein Vihalemm's ideas**

2024 <https://rowman.com/ISBN/9781666937220> [https://www.ester.ee/record=b5683185\\*est](https://www.ester.ee/record=b5683185*est)

### **Rein Vihalem teadusfilosoofina : [in memoriam]**

**Müürsepp, Peeter** Sirp 2015 / lk. 30 : fot <https://sirp.ee/s1-artiklid/c21-teadus/rein-vihalemm-teadusfilosoofina/>

**Teadusfilosoofia humaniora ja realia vahel : mõtisklus Tartu Ülikooli juhtiva teadusfilosoofi elutöö kuuluvusega**

**seonduvast**

**Mürsepp, Peeter** Rahvusülikooli omad ja võõrad 2016 / lk. 141-150 : fot <http://ojs.utlib.ee/index.php/TYAK>

**The premises and limits of science : ideas of Rein Vihalemm**

**Näpinen, Leo** IX Annual Estonian Philosophy Conference "Philosophy in Interdisciplinary Contexts" : 13-14.12.1013, Tallinn University of Technology, Chair of Philosophy : abstracts 2013 / p. 16-17

**The premises and limits of science : the ideas of Rein Vihalemm**

**Näpinen, Leo** Acta Baltica historiae et philosophiae scientiarum 2015 / p. 108-114 <http://dx.doi.org/10.11590/abhps.2015.2.06>

**The problems of knowledge as the core of scientific inquiry**

**Mürsepp, Peeter** Modelling, logical and philosophical aspects of foundations of science. Vol. I 2016 / p. 131-159 ([Verlag](#))

**A View of epistemic pluralism : on an ungiven talk of Rein Vihalemm**

**Mürsepp, Peeter** Chemistry as an Interesting Subject for Philosophy : International Workshop in Honour of Rein Vihalemm (1938-2015) : book of abstracts 2018 / p. 6 [https://www.fffi.ut.ee/sites/default/files/fl/book\\_of\\_abstracts.pdf](https://www.fffi.ut.ee/sites/default/files/fl/book_of_abstracts.pdf)