

2018

ANNUAL REPORT

THE ROYAL ACADEMIES FOR SCIENCE AND THE ARTS OF BELGIUM



Académie royale des Sciences, des Lettres
et des Beaux-Arts de Belgique



Koninklijke Vlaamse Academie van België
voor Wetenschappen en Kunsten

The Royal Academies for Science and the Arts of Belgium - RASAB vzw/asbl

RASAB
ANNUAL REPORT 2018

www.rasab.be

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Compatibility

THE ROYAL ACADEMIES FOR SCIENCE AND THE ARTS OF BELGIUM

1. Introduction

The association 'The Royal Academies for Science and the Arts of Belgium' (vzw/asbl) was founded in 2001 by the Académie royale des Sciences, des Lettres et des Beaux-Arts de Belgique (ARB)¹ and the Koninklijke Vlaamse Academie van België voor Wetenschappen en Kunsten (KVAB)². The association is located in the old royal stables of the Palace of Academies in Brussels.

The Royal Academies of Belgium work to promote science and art in Belgium. In order to meet this demand, the Academies organize scientific and cultural activities, they try to promote inter-university cooperation in Belgium, they provide representation in international and European organizations, they offer a platform for researchers to formulate recommendations to the government, industry, education and research.

RASAB is responsible for the coordination of the activities of the two Academies at a national and international level, as well as for the national scientific committees and the representation of Belgium in the federation of Academies such as EASAC, ALLEA, etc.

The statutes of RASAB were published in the *Moniteur Belge / Belgisch Staatsblad* of 19 April 2001.

2. Governance

The General Assembly is composed by the Chairmen, the Permanent Secretaries and one representative for each of the four classes of the academies, for a total of 12 members.

The annual presidency of RASAB is held alternately by the chairman of the academies. In 2018 RASAB was chaired by M^{rs} Monique Mund-Dopchie, President of the Académie royale des Sciences, des Lettres et des Beaux-Arts de Belgique (ARB).

¹ www.academieroyale.be

² www.kvab.be

Board of Directors 2018

ARB	KVAB
Monique Mund-Dopchie <i>Chair</i>	Joos Vandewalle <i>Chair</i>
Didier Viviers <i>Permanent Secretary</i>	Freddy Dumortier <i>Permanent Secretary</i>

General Assembly 2018

ARB	KVAB
Monique Mund-Dopchie <i>Chair</i>	Joos Vandewalle <i>Chair</i>
Didier Viviers <i>Permanent Secretary</i>	Freddy Dumortier <i>Permanent Secretary</i>
Albert Goldbeter <i>Classe des Sciences</i>	Niceas Schamp <i>Klasse van de Natuurwetenschappen</i>
Christian Vandermotten <i>Classe des Lettres et des Sciences morales et politiques</i>	Els Witte <i>Klasse van de Menswetenschappen</i>
Henri Vanhulst <i>Classe des Arts</i>	Luc Van Hove <i>Klasse van de Kunsten</i>
Jean-Louis Migeot <i>Classe Technologie et Société</i>	Dirk Frimout <i>Klasse van de Technische Wetenschappen</i>

The 2018 RASAB General Assembly was held on October 22th at the Palace of the Academies.

M^r Didier Viviers was elected in November 2017 as Permanent Secretary of the l'Académie royale des Sciences, des Lettres et des Beaux-Arts de Belgique. His mandate has begun on January 1st, 2018.

NATIONAL SCIENTIFIC COMMITTEES

1. Introduction

The missions of the Belgian scientific committees are the promotion and coordination of various scientific disciplines in Belgium, mainly seen in an international context.

The national scientific committees work under the patronage of the Académie royale des Sciences, des Lettres et des Beaux-Arts de Belgique and the Koninklijke Vlaamse Academie van België voor Wetenschappen en Kunsten, gathered in RASAB which is responsible for the financial and logistic support of the National Committees, as well for its daily activities, as for the organisation of scientific events by the National Committees in the Palace of the Academies.

The National Committees are composed equally of members of the French and Dutch-speaking linguistic roles.

2. Annual Activity Reports

Each year, the Belgian scientific committees publish their annual activity reports with the help of RASAB. For clarity, these reports are not directly integrated into the RASAB annual report but published in a separate volume.

This volume is downloadable on our website³.

3. List of the National Scientific Committees & International Unions

The conditions for the foundation of a National Committee is the existence of an international scientific union which is a member of ISC or a member of a scientific institution of ISC (scientific committees, special committees, etc.) in the same scientific discipline.

All Belgian national committees are members of one or more international organizations in which they represent Belgium.

³ www.rasab.be

National Committees	Internationale unions
1) Antarctic Research	Scientific Committee on Antarctic Research www.scar.org
2) Astronomy	International Astronomical Union (IAU) http://www.iau.org
3) Biochemistry and Molecular Biology	International Union of Biochemistry and Molecular Biology (IUBMB) www.iubmb.org
4) Biomedical Engineering	International Federation for Medical and Biological Engineering (IFMBE) www.ifmbe.org International Union for Physical and Engineering Sciences in Medicine (IUPESM) www.iupesm.org
5) Biophysics	International Union of Pure and Applied Biophysics (IUPAB) www.iupab.org
6) Chemistry	International Union of Pure and Applied Chemistry (IUPAC) www.iupac.org
7) Crystallography	International Union of Crystallography (IUCr) www.iucr.org
8) Geodesy and Geophysics	International Union of Geodesy and Geophysics (IUGG) www.iugg.org

9)	Geography	<p>International Geographical Union (IGU)</p> <p>www.igu-net.org</p>
10)	Geological Sciences	<p>International Union of Geological Sciences (IUGS)</p> <p>www.iugs.org</p>
11)	Logics, History and Philosophy of Science	<p>International Union of History and Philosophy of Science (IUHPS),</p> <ul style="list-style-type: none"> • Division of History of Science and Technology (IUHPS-DHST) • Division of Logic, Methodology and Philosophy of Science (IUHPS-DLMPS) <p>www.dlmps.org</p>
12)	Mathematics	<p>International Mathematical Union (IMU)</p> <p>http://www.mathunion.org</p>
13)	Mechanics	<p>International Union of Theoretical and Applied Mechanics (IUTAM)</p> <p>www.iutam.net</p>
14)	Microbiology	<p>International Union of Microbiological Societies (IUMS)</p> <p>www.iums.org</p>
15)	Physiology and Pharmacology	<p>International Union of Physiological Sciences (IUPS)</p> <p>www.iups.org</p> <p>International Union of Pharmacology (IUPHAR)</p> <p>www.iuphar.org</p>
16)	Physics	<p>International Union of Pure and Applied Physics (IUPAP)</p> <p>www.iupap.org</p>

17)	Psychological Sciences	International Union of Psychological Science (IUPsyS) www.iupsys.net
18)	Quaternary Research (BELQUA)	International Union for Quaternary Research (INQUA) www.inqua.org
19)	Radio-electricity	International Union of Radio Science (URSI) www.ursi.org
20)	Soil Sciences	International Union of Soil Sciences (IUSS) www.iuss.org
		International Union of Biological Sciences (IUBS)* www.iubs.org
		Scientific Committee on Oceanic Research (SCOR)* www.scor-int.org

* Belgian support for these associations is maintained despite the current absence of national committees to coordinate liaison.

INTERNATIONAL COOPERATION

1. ALL European Academies – ALLEA⁴

a. Introduction

ALLEA, the federation of All European Academies, was founded in 1994 and currently brings together 59 Academies in more than 40 countries from the Council of Europe region. Member Academies operate as learned societies, think tanks and research performing organisations. They are self-governing communities of leaders of scholarly enquiry across all fields of the natural sciences, the social sciences and the humanities. ALLEA therefore provides access to an unparalleled human resource of intellectual excellence, experience and expertise.

Independent from political, commercial and ideological interests, ALLEA's policy work seeks to contribute to improving the framework conditions under which science and scholarship can excel. Jointly with its Member Academies, ALLEA is in a position to address the full range of structural and policy issues facing Europe in science, research and innovation. In doing so, it is guided by a common understanding of Europe bound together by historical, social and political factors as well as for scientific and economic reasons.

b. Activities 2018

ALLEA published reports and statements in 2018, including:

- Statement: *The Ownership and Protection of Multinational Inventions*;
- Discussion paper: *Loss of Trust in Science and Expertise*;
- Statement: *The inappropriate political infringement on academic curricula in Hungary*;
- Report: *Health Inequalities: an interdisciplinary exploration of socioeconomic position, health and causality*.
- Paper: *The Importance of SSH Research in Horizon Europe*.

ALLEA organised several events during the year:

- A workshop entitled *Ethical Aspects of Open Access: A Windy Road*, organised in Brussels at the Palace of the Academies on February, 1st with the help of the KVAB;

⁴ <http://www.allea.org>

- A workshop entitled *Is there a loss of trust?* organised by the working group Truth, Trust & Expertise, at the British Academy on February, 19th ;
- A symposium entitled *Health Inequalities – an interdisciplinary discussion on socioeconomic status, health and causality* organised jointly with FEAM - European Federation of Academies of Medicine – at the seat of the Royal Netherlands Academy of Arts and Sciences (KNAW) of Amsterdam ;
- A conference entitled *How do we use data in the 21st century?* organised jointly with The Royal Society at Chicheley Hall 1st and 2 November ;
- A workshop entitled *Trust in Science & Changing Landscapes of Communication* organised on August, 31th at the seat of the Royal Netherlands Academy of Arts and Sciences (KNAW) of Amsterdam ;
- A workshop entitled *Communicating Science in a Complex World* organised in Brussels on October, 17th ;
- A conference entitled *Advisory Role of Academies in the Information-Rich Society* organised on 22 and 23 October at the Estonian Academy of Sciences.
- A conference jointly organised with The Royal Society and entitled *Living a good digital life in a data-enabled Europe*. This conference was held on November 1st and 2nd at Chicheley Hall.

2018 ALLEA General Assembly was held from 8 to 10 May in Bern at the headquarters of the Swiss Academies of Arts and Sciences. On this occasion, a conference entitled *Science and Society in Present-Day Europe* was organized.

ALLEA is a member of SAPEA - Science Advice for Policy by European Academies - part of the European Commission Scientific Advice Mechanism (SAM).

c. Belgian representation

Board

Hubert Bocken (KVAB) was a member of the Bureau of ALLEA for the period 2016-2018 and was re-elected as Vice-President for the period 2018-2010. He participated in its meetings:

- Rome, February 22-23;
- Sofia, May 16-17;
- Berlin, September 6-7;
- Warsaw, December 20-21.

General Assembly

Hubert Bocken (KVAB) represented the Belgian Academies at the 2018 ALLEA General Assembly held in Sofia from 16 to 18 May 2018.

Working Groups

- **Framework Programme 9 Working Group**

The FP9 Working Group seeks to continue to ensure that any successor research programme to Horizon 2020 is developed with the interests of the Sciences community in mind and in particular to ensure that the Social Sciences and Humanities are fully represented.

Didier Viviers (ARB) is the Belgian representative in this think tank group.

- **E-Humanities Working Group**

The E-Humanities Working Group is charged with identifying and raising awareness for priorities and concerns of the Digital Humanities, and contributing to the Open Access agenda from a Humanities and Social Sciences perspective.

Bernard Rentier (ARB) is the Belgian representative in this think tank. A meeting was hosted by the Royal Belgian Academy on December, 12th.

- **Intellectual Property Rights Permanent Working Group**

This Permanent Working Group prepared and issued reflections, declarations and recommendations on the most challenging topics of IPRs.

Hubert Bocken is, as a member of the ALLEA Board, an ex officio member of this group. He attended a meeting in Munich on October 21th.

- **Sciences and Ethics Working Group**

Since ethical considerations have been an essential component in the consolidation of a united Europe, and also in the creation of ALLEA, the PWGSE was established to bring together experts from academies across Europe and provide them with a platform for continuous debate on research ethics and research integrity.

Els Van Damme (KVAB) is the Belgian representative within this group which published in 2017 the revised edition of *The European Code of Conduct for Research Integrity*.

In 2018, this text has been translated into more than a dozen languages of the European Union.

Els Van Damme attended two meetings of this group, in Brussels on February, 1st and in Dublin from 18 to 19 June.

Various

Joos Vandewalle (KVAB) took part in the workshop *Ethical Aspects of Open Access: A windy road* organized in Brussels on February 1st as well as at the conference *Flourishing in a data-enabled society* organized by ALLEA in partnership with the Royal Society in Chischester (UK)) from November 1st to 2nd

2. European Academies Science Advisory Council – EASAC⁵

a. Introduction

EASAC - the European Academies Science Advisory Council - is formed by the national science academies of the EU Member States to enable them to collaborate with each other in providing advice to European policy-makers. It thus provides a means for the collective voice of European science to be heard. Its mission reflects the view of academies that science is central to many aspects of modern life and that an appreciation of the scientific dimension is a pre-requisite to wise policy-making. This view already underpins the work of many academies at national level. With the growing importance of the European Union as an arena for policy, academies recognise that the scope of their advisory functions needs to extend beyond the national to cover also the European level. Here it is often the case that a trans-European grouping can be more effective than a body from a single country.

The academies of Europe have therefore formed EASAC so that they can speak with a common voice with the goal of building science into policy at EU level. Through EASAC, the academies work together to provide independent, expert, evidence-based advice about the scientific aspects of public policy to those who make or influence policy within the European institutions. Drawing on the memberships and networks of the academies, EASAC accesses the best of European science in carrying out its work. Its views are

⁵ <http://www.easac.eu>

vigorously independent of commercial or political bias, and it is open and transparent in its processes. EASAC aims to deliver advice that is comprehensible, relevant and timely. EASAC covers all scientific and technical disciplines, and its experts are drawn from all the countries of the European Union. It is funded by the member academies and by contracts with interested bodies. The expert members of project groups give their time free of charge. EASAC has no commercial or business sponsors. EASAC's activities include substantive studies of the scientific aspects of policy issues, reviews and advice about policy documents, workshops aimed at identifying current scientific thinking about major policy issues or at briefing policymakers, and short, timely statements on topical subjects. The EASAC Council has 28 individual members - highly experienced scientists nominated one each by the national science academies of every EU Member State that has one, the Academia Europaea and ALLEA. It is supported by a professional secretariat based at the German Academy of Sciences Leopoldina. The Council agrees the initiation of projects, appoints members of project groups, reviews drafts and approves reports for publication.

b. Activities 2018

EASAC published reports and statements in 2018:

- *Opportunities for soil sustainability in Europe*, report (September 2018).
- *EASAC and the New Plant Breeding Techniques*, statement (July 2018).
- *Findings and recommendations from the Smart Villages Initiative 2014–2017*, statement (June 2018)
- *Commentary on Forest Bioenergy and Carbon Neutrality* (June 2018).
- *Vaccination in Europe*, statement (April 2018, en partenariat avec la FEAM).
- *Extreme weather events in Europe*, statement (March 2018).
- *Negative emission technologies*, report (February 2018).

EASAC is a member of SAPEA - Science Advice for Policy by European Academies - part of the European Commission Scientific Advice Mechanism (SAM).

c. Belgian representation

Council

Freddy Dumortier (KVAB) is the Belgian representative in the EASAC Board. He participated in meetings held:

- Council meeting, 31 May-1st June, Vienna.

Steering panels

EASAC's standing committees decide on the scientific projects of the federation. Belgian Academies are represented in 2018 in 1 steering panel:

- Energy Steering Panel: Jan Kretzschmar (KVAB) is the Belgian representative in the EASAC's Energy Steering Panel, whose meeting was hosted in Brussels on 6 November 2018.

d. RASAB hosting

In 2018, taking advantage of their location in the heart of Europe, KVAB hosted and provided support for the organization of several EASAC activities taking place in Brussels:

- EASAC Bureau meeting, 8-9 March.
- Launch of the report *Opportunities and Challenges for Research on Food and Nutrition Security and Agriculture in Europe*, on 26 April.
- Launch of the report *Opportunities for soil sustainability in Europe*, on 26 September.
- Biosciences Steering Panel meeting, on 5 October.
- Energy Steering Panel meeting, on 6 November.

3. International Human Rights Network of Academies and Scholarly Societies⁶

a. Introduction

The International Human Rights Network of Academies and Scholarly Societies is a worldwide network of about 60 academies that assists scientists, scholars, engineers, and health professionals around the world who are subjected to severe repression solely for having non-violently exercised their rights as promulgated by the Universal Declaration of Human Rights

⁶http://www7.nationalacademies.org/humanrights/CHR_044113.htm

(UDHR). It also promotes human rights consciousness-raising and institutional commitment to human rights work among national academies and scholarly societies worldwide.

b. Belgian representation

To answer to the demands set by the network, the Académie royale de Belgique and the Koninklijke Vlaamse Academie van België have created a committee: *The Committee for the Free Practice of Science and Arts*.

Composition

ARB	KVAB
Jean-Marie Frère <i>Classe des Sciences</i>	Irina Veretennicoff <i>Klasse van de Natuurwetenschappen</i>
Paul Smets <i>Classe des Lettres et des Sciences morales et politiques</i>	Marie-Claire Foblets <i>Klasse van de Menswetenschappen</i>
Pierre Bartholomée <i>Classe des Arts</i>	Willem Elias <i>Klasse van de Kunsten</i>
Carine Doutrelepon <i>Classe Technologie et Société</i>	Derrick Gosselin <i>Klasse van de Technische Wetenschappen</i>

4. InterAcademy Partnership – IAP⁷

IAP is a global network of the world's science academies, launched in 1993. Its primary goal is to help member academies work together to advise citizens and public officials on the scientific aspects of critical global issues. IAP is particularly interested in assisting young and small academies in achieving these goals and, through the communication links and networks created by IAP activities, all academies will be able to raise both their public profile among citizens and their influence among policy makers.

⁷<http://www.interacademies.net>

5. International Science Council– ISC⁸

a. Introduction

The International Council for Science is a non-governmental organization with a global membership of national scientific bodies (140 members) and international scientific unions (40 members). All Belgian National Committees are member of one of these international scientific unions.

The vision of the Council is to advance science as a global public good. Scientific knowledge, data and expertise must be universally accessible and its benefits universally shared. The practice of science must be inclusive and equitable, also in opportunities for scientific education and capacity development.

b. Activities 2018

Following talks in recent years, the ICSU General Assembly has approved the merger of the organization with the International Social Science Council (ISSC) to become together the International Science Council (ISC).

The first General Assembly of the International Science Council (ISC) took place in July 2018.

c. Belgian representation

Christian Vandermotten is the Belgian representative in ICSU. In 2018, he participated in the following meetings:

- ISC General Assembly in Paris, July 2018;
- Annual meeting of the European group of ICSU members in Moscow, October 2018.

⁸ <https://council.science/>

6. Science Advice for Policy by European Academies – SAPEA⁹

a. Introduction

SAPEA brings together the outstanding knowledge and expertise from over 100 academies, young academies and learned societies in over 40 countries across Europe.

Working closely with the European Commission Group of Chief Scientific Advisors, SAPEA provides timely, independent and evidence-based scientific expertise for the highest policy level in Europe and for the wider public. Find out more about SAPEA's working processes: Guidelines on Advising Policymakers and Society & Procedures for Quality Assurance of Scientific Advice. SAPEA is part of the European Commission Scientific Advice Mechanism (SAM) which provides independent scientific advice to the College of European Commissioners to support their decision making. The project is funded through a grant from the European Union's Horizon 2020 programme running from November 2016 until October 2020.

b. Belgian participation

On January 25, 2018, Joos Vandewalle (KVAB) introduced the *SAPEA Carbon Capture and Utilization* Workshop at the Palace of the Academies in Brussels.

During this workshop, 40 participants participated in plenary sessions and five parallel sessions. The workshop was a great success and the discussions were enthusiastic and very interesting. The organizers of SAPEA received many compliments from representatives of the European Commission and other participants.

7. Union Académique Internationale - UAI¹⁰

a. Introduction

The UAI is the global organization of national academies in the fields of the humanities and social sciences. Its aims are to initiate, recognize, foster and fund basic long-term international research projects. Created in 1919 in Paris with a general secretariat established in Brussels, the UAI comprises at the moment more than a hundred academies from 63 countries from all continents.

⁹ <https://www.sapea.info>

¹⁰ <http://www.uai-iaa.org>

Recognizing that many substantial projects in humanities and social sciences cannot be realized within a short time span, the UAI prides itself on being willing to support significant long-term projects. The UAI already sponsored more than 3,000 books. Many of them are fundamental reference tools, such as dictionaries, encyclopaedias, and text editions, some of which are disseminated on the web. The UAI is constantly launching new international projects, most recently the transformation of Mediterranean cities throughout history. Projects adopted by the UAI are expected to be based on cooperation between several national academies. In order to achieve its aims, the UAI relies on funding from private and public sources.

The UAI advocates for the role of the humanities and the social sciences in a changing world.

b. Belgian representation

Board

Pierre Jodogne (ARB) is a Board member of the Union Académique Internationale and took part in the two meetings: in Paris (February 2018) and in Seoul (September 2018).

General Assembly

The next UAI General Assembly is scheduled for November 2019 in Paris and will be the occasion for the Union to celebrate its centenary.

Projects¹¹

As founding members, the Belgian Academies are involved in many projects sponsored by the UAI:

- **Projet 2 | *Alchimic texts*** : This international project is led by the Académie royale des Sciences, des Lettres et des Beaux-Arts de Belgique, under the direction of Anne Tihon (UCL). Two volumes were published in 2017:
 - C. Viano et M. Martelli (eds.), *Les alchimistes grecs : recettes, doctrines et milieu*, Eikasmós – Quaderni Blognsei di Filologia Classica, 2017 ;
 - Maria Papathanassiou (ed.), *Stephanos von Alexandria und sein Alchemistisches Werk (Die kritische Edition des griechischen Textes eingeschlossen)*, Cosmosware, 2017.

¹¹ This section of the report is updated every two years at the occasion of the UAI General Assemblies where projects are evaluated. Last updated: 2017 (2017 UAI GA, Tokyo).

- **Projet 9.2 | *Aristoteles Latinus, Corpus Philosophorum Medii Aevi* :** Carlos Steel (KVAB) is the international director of the project. A volume was published in 2017:
 - *Aristoteles Latinus Database Release 3* (December 2017), Turnhout : Brepols Publishers (electronic publication).
- **Projet 9.3 | *Avicenna Latinus, Corpus Philosophorum Medii Aevi* :** This international project is led by the Académie royale des Sciences, des Lettres et des Beaux-Arts de Belgique, under the direction of Pierre Jodogne (ARB). A volume was published in 2017: *Avicenna Latinus, Liber primus naturalium, Tractatus tertius, De his quae habent naturalia ex hoc quod habent quantitates*.
- **Projet 16 | *Corpus Vitrearum*:** Yvette Vanden Bemden (ARB) et Anna Bergmans (KVAB) are members of the Belgian committee. Several volumes are in preparation.
- **Projet 20 | *Corpus Antiquitatum Americanensium*:** Le CAA is an international project composed of an American research group and a European one. Serge Lemaître of the Royal Museums of Arts and History represents Belgium in this project which has just been relaunched.
- **Projet 22 | *Fontes Historiae Africanae*:** The goal of the FHA is to publish the sources of African history. Jacques Vanderlinden of the Académie Royale des Sciences d'Outre-Mer (ARSOM) represents Belgium in this project where Belgium has already published 5 volumes. The latest Belgian volume was published in 2015.
- ***Lexicon Iconographicum Mythologiae Classicae - LIMC - & Thesaurus Cultus et Rituum Antiquorum - ThesCRA* - (Projet 28):** Jean-Charles Balty (ARB) was a member of the project committee. The last volume (Volume VIII) was published in 2012. The project is over.
- **Projet 26 | *Sylloge Nummorum Graecorum – SNG*:** François de Callataÿ (ARB) is the director of the Belgian committee.
- **Projet 41 | *Corpus des Astronomes Byzantins* :** This international project is led by the Académie royale des Sciences, des Lettres et des Beaux-Arts de Belgique, under the direction of Anne Tihon (UCL). The last volume was published in 2016. Others are in preparation.
- **Projet 44 | *Corpus des Antiquités phéniciennes et puniques*:** Eric Gubel (Royal Museums of Arts and History) leads the Belgian team of this project. The Belgian committee has attended various symposia and conferences in Paris, Ghent, Amsterdam and Beirut during the years 2016 and 2017 and has enabled the publication of numerous articles and publications over the same period.

- **Projet 70 | *Iusti Lipsi Epistolae*** : This project is led by the Koninklijke Vlaamse Academie van België voor Wetenschappen en Kunsten, under the direction of Dirk Sacré (KUL). A volume has been published recently: *Iusti Lipsi Epistolae. Pars IX: 1596*, Leuven: Peeters Publishers.
- **Projet 72 | *Papyrus-Archives. Edition and Studies***: Willy Clarysse (KVAB) is the director of the project. A volume was published in 2017 (B. Van Beek, *The Archive of the Architektones Kleon and Theodoros*, *Collectanea Hellenistica* (KVAB) 7, Leuven: Peeters Publishers, 2017). Another volume is in preparation for 2018-2019.
- **Projet 73 | *Corpus Rubenianum Ludwig Burchard***: Carl Van de Velde (KVAB) is leading the project. Several volumes were published in 2016 and 2017:
 - E. McGrath e. a., *Mythological Subjects*, *Corpus Rubenianum Ludwig Burchard* vol.11/1, Harvey Millar and Brepols Publishers, 2016.
 - C. Van Mulders, *Work in collaboration – Jan Brueghel*, *Corpus Rubenianum Ludwig Burchard* vol.27/1, Harvey Millar and Brepols Publishers, 2016.
 - K. Jonckheere, *Portraits after Existing Prototypes*, *Corpus Rubenianum Ludwig Burchard* vol.19/4, Harvey Millar and Brepols Publishers, 2016.
 - K. Bulckens, *The Life of Christ before the Passion – The Ministry of Christ*, *Corpus Rubenianum Ludwig Burchard* vol.5/2, Harvey Millar and Brepols Publishers, 2016.
- **Projet 83 | *Fontes Inediti Numismatae Antiquae*** - FINA: François de Callataÿ (ARB) is the director of the Belgian committee of this project realized in partnership with the Austrian Academy. The first conference of the *Fontes Inediti Numismatae Antiquae* was held in Rome at the Academia Belgica from May 30 to June 1st, 2017 and was entitled *Numismatic antiquarianism through correspondence 16th-18th c.* Many articles were published under the patronage of the project in 2016 and 2017.

GENERAL SECRETARIAT OF THE UNION ACADÉMIQUE INTERNATIONALE

Since its foundation in 1919 the Union Académique Internationale has its headquarters in the Palace of Academies in Brussels. The Académie royale des Sciences, des Lettres et des Beaux-Arts de Belgique (ARB) is in charge of the secretariat of the UAI. The Permanent Secretary of the Académie royale de Belgique is generally the General Secretary of the Union.

By its experience at the international level, RASAB is involved in the organization of activities of the UAI and participates in the management of the General Secretariat of the Union (organization of the meetings, contact with the academy members, website, etc.)

1. Organization of the meetings

In 2018, UAI held 2 meetings:

- A Board meeting held in Paris in February, at the invitation of the Institut de France.
- A Standing Committee meeting in Seoul in September.

Mr. Didier Viviers, Permanent Secretary of the ARB, was elected as Secretary General of the UAI in Seoul.

The next General Assembly is scheduled for October 2019 in Paris, where the UAI was founded centenary and will be the occasion of the centenary of the Union.

2. Involvement of RASAB

Laurent Hansen, scientific counsellor of RASAB, is in charge of the UAI general secretariat: contact with the member academies and their representatives, evaluation process of the 90 scientific projects of the Union, organization of various meetings, general assemblies and conferences, etc.

He attends all UAI meetings as a member of the General Secretariat.

APPENDICES

LIST OF BELGIAN DELEGATES IN FEDERATIONS OF ACADEMIES (2018)

ALLEA

Board	Hubert Bocken <i>KVAB, Klasse Menswetenschappen</i>
General Assembly	Hubert Bocken <i>KVAB, Klasse Menswetenschappen</i>
Horizon 2020 Working group <i>Working Group</i>	Didier Viviers <i>ARB, Classe des Lettres et Sciences morales et politiques</i>
Intellectual Property Rights <i>Working Group</i>	Hubert Bocken (<i>ex officio</i>) <i>KVAB, Klasse Menswetenschappen</i>
E-Humanities <i>Working Group</i>	Bernard Rentier <i>ARB, Classe Technologie et Société</i>
Science and Ethics <i>Working Group</i>	Els Van Damme <i>KVAB, Klasse Natuurwetenschappen</i>

EASAC

Council	Freddy Dumortier <i>KVAB, Klasse Natuurwetenschappen</i>
Energy <i>Steering Panel</i>	Jan Kretzschmar <i>KVAB, Klasse van de Technische Wetenschappen</i>

ISC

General Assembly & EU Group	Christian Vandermotten <i>ARB, Classe des Lettres et des Sciences morales et politiques</i>
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UAI

Board	Pierre Jodogne <i>ARB, Classe des Lettres et des Sciences morales et politiques</i>
Board	Didier Viviers, Secretary General <i>ARB, Classe des Lettres et des Sciences morales et politiques</i>