

Laboratoire SPHERE, Sciences, Philosophie, Histoire, UMR 7219

Janvier 2015, séminaires et colloques, conférences

Dates : 5, 7, 8, 9, 12, 15, 16, 20, 23, 27, 30, 31

English Version

lundi 5, 9:30-17:30, salle Malevitch, 483A

Workshop SAW "Mathematical practices in relation to the Astral Sciences"

Organisation du workshop : Karine Chemla (CNRS, SPHERE & SAW Project), Matthieu Husson (CNRS, SYRTE, Observatoire de Paris & SAW Project), Agathe Keller (CNRS, SPHERE & SAW Project), Christine Proust (CNRS, SPHERE & SAW Project) et le groupe SAW

:: Numbers, quantities, measuring units and operation (1/3): Numbers versus quantities and sexagesimal place value notation versus decimal notation

John Steele (Brown University, USA) : *Description, Calculation, Measurement: Different Uses of Numbers and Quantities in Babylonian Astronomy.*

Christine Proust (CNRS, SPHERE & SAW Project) : *Contrasts and correspondences between different kinds of numbers and quantities: metrological tables from Late Babylonian Nippur and Uruk.*

Matthieu Husson (CNRS, SYRTE, Observatoire de Paris & SAW Project) : *Remarks on mean motion computations and fixed sexagesimal place value notation.* (Short talk).

mercredi 7 janvier, 9:00, salle 2012, bâtiment Sophie Germain

Journée ED400

Organisation : Karine Chemla, (CNRS, SPHERE & SAW), Sandrine Pellé (LDAR).

9:00 – 10:50 Présentations des délégués des laboratoires composant l'ED. Informations diverses de Sandrine Pellé, secrétaire de l'ED. Mot de la directrice, Karine Chemla.

Ensuite, Justin Smith (Univ. Paris Diderot, SPHERE) présentera la formation « anglais scientifique ».

11:10 – 13:00 De jeunes chercheurs parleront de leur expérience de doctorat et de leur parcours depuis la soutenance de leur thèse. Puis, discussion libre.

jeudi et vendredi 8 et 9 janvier, 9:15, salle Luc Valentin, 454A

La santé dans un environnement à risque —connaissances, responsabilités et agentivité

Conception et organisation : dans le cadre du projet Qualenv, Marie Gaille, avec l'aide de Patricia Philippe et de Laurent Lemoine, (CNRS, SPHERE). Programme.

Comité scientifique : Philippe Bizouarn, Nathalie Blanc, Laura Centemeri, Valérie Chansigaud, Marie Gaille, Christophe Imbert, Joël Coste. Accompagnement artistique : Juliette-Andréa Elie.

Intervenants : Sylvie Ollitrault (CNRS, CRAPE), Mathias Girel (ENS), Benjamin Lysianuk (CNRS, PRODIG), Francelyne Marano (Univ. paris Diderot), Philippe Bizouarn (SPHERE), Joël Coste (Hopital Cochin), Frédérique Dreifuss-Netter (Conseillère à la Cour de cassation), Isabelle Vacarie (Univ. Paris Ouest Nanterre), Laura Centemeri (CNRS, IMM), Catherine Larrère (Univ. Paris 1), Jean-Paul Thibaud (CNRS, CRESSON), Perrine Michon (Univ. Paris Est Créteil), David Blanchon (Univ. Paris Ouest Nanterre), João Arriscado Nunes (Univ. de Coimbra), Florence Bretelle-Establet (CNRS, SPHERE), Nathalie Blanc (CNRS, LADYSS)

vendredi 9, 10:00 – 13:00, Centre antique, Université Paris 1

Séminaire de traduction La métaphysique d'Aristote d'Alexandre d'Aphrodise

Traduction de passages du Commentaire au livre Beta.

lundi 12, 9:30 – 17:00, salle Mondrian, 646A

Histoire et philosophie des mathématiques

:: Modes démonstratifs : l'évolution des démonstrations mathématiques selon les choix effectués par leurs auteurs.

Séance en anglais organisée par Eleonora Sammarchi (Université Paris Diderot, SPHERE).

Eleonora Sammarchi : *Introduction : court rappel des éléments de réflexion évoqués l'an dernier au sujet des « nouvelles démonstrations » des algorithmes de résolution des équations quadratiques.*

Xiaofei Wang (Université Paris Diderot, SPHERE) : *Les démonstrations purement analytiques de Lagrange.*

Alberto Cogliati (Università degli Studi di Milano) : *Algebra vs Geometry dans le domaine de la preuve mathématique : une étude de cas issu de la théorie des groupes de Lie.*

Marion Cousin (SPHERE) : *La démonstration mathématique dans les manuels de géométrie élémentaire américains et anglais dans la deuxième moitié du XIX^e siècle, et son introduction dans le paysage éducatif japonais de l'ère Meiji (1868-1912).*

lundi 12, 10:00 – 12:30, salle Rothko, 412B

Histoire de la logique

:: Four reformer logicians (suite 2 et 3/4)

Paul Thom (The University of Sydney) : *Ockham's critique of his realist predecessors, including Kilwardby, on the categories, propositional forms, the syllogism. Nominalism in logic. Ockham's programme of 'exposition' as a method of extending the reach of Aristotelian logic. Ockham and Buridan. The theological context. The Logique de Port-Royal and its critique of scholasticism on the categories, propositional forms and the syllogism. Psychologism in logic. Non-formal logic. Methodology.*

jeudi 15, 10:00, salle Malevitch, 483A

Sciences et philosophie de l'Antiquité à l'Age classique

:: Recent research on the Prior Analytics and its Greek, Arabic and Latin reception

Journée organisée par Ahmad Hasnaoui (CNRS, CHSPAM-SPHERE) et Paul Thom (The University of Sydney)

10:00–11:00 Michel Crubellier (Université Lille 3) : *A Plea for dictum de omni.*

11:00–12:00 Luca Gili (K. U. Leuven) : *Alexander of Aphrodisias and the heterodox dictum de omni et de nullo.*

14:00–15:00 Riccardo Strobino (Ruhr-Univ. Bochum /Univ. of Cambridge) : *Avicenna on Absolute and Necessity Propositions in Prior and Posterior Analytics.*

15:00–16:00 Christina Thomsen Thörnqvist (Univ. of Gothenburg) : *Some comments on the Anonymus Aurelianus III.*

16:00–17:00 Paul Thom (Univ. of Sydney) : *Robert Kilwardby's contribution to the interpretation of the Prior Analytics.*

jeudi 15, 9:30 – 17:30, salle Mondrian, 646A

Histoire des sciences, histoire du texte

Groupe de travail “**How do Writings in the astral sciences document mathematical practices and the practitioners?**”, organisé par Matthieu Husson, avec Rich Kremer et le groupe SAW (projet ERC SAW ‘Mathematical Sciences in the Ancient World’), séance 1/3.

9:30–11:30 Sebastian Falk (Dept. of History and Philosophy of Science, Cambridge) : *Amateur astronomers learning with tables : the case of the Equatorie of the Planetis.*

11:45–13:00 & 14:15–15:00 : Matthieu Husson (CNRS-SYRTE, Observatoire de Paris et projet SAW) : *John of Murs' eclipse computation in the Escorial O II 10.*

15:15–17:15 Richard Kremer (Darmouth College and researcher invited by the SAW project) : *Dialing, geometry and proof in early 16th-century Europe: Stabius's paper instruments.*

vendredi 16, 15:00 – 17:00, salle Rothko, 412B

La cosmologie d'Averroès : le Commentaire moyen au *De caelo* d'Aristote

Cristina Cerami (CNRS, SPHERE) : *Révision de la traduction de CMDC I, 4.*

vendredi 16, 9:30-17:30, salle Malevitch, 483A

Workshop SAW "Mathematical practices in relation to the Astral Sciences"

:: Numbers, quantities, measuring units and operation (2/3): Measurement units and magnitudes

John Steele (Brown University, USA) : *Numbers and Units in Babylonian astronomy: The Case of the Rising Time Schemes and the Ziqlu-Star Texts.*

Sho Hirose (Univ. Paris Diderot, SPHERE & SAW Project) : *Units to measure the arcs of orbits. Bhāskara's commentary on verse 13 of the third chapter of the Āryabhaṭīya.*

Karine Chemla (CNRS, SPHERE & SAW Project) : *Various types of numbers, various types of approximations in early Chinese writings on mathematics and astral sciences. (Short talk).*

vendredi 16, Paris I, Centre Antique et médiéval

Séminaire de traduction des *Eléments de théologie* de Proclus

mardi 20, 17:00 – 19:00, salle Malevitch, 483A

Histoire et philosophie de la physique

Jürgen Renn (Max Planck Institut für Wissenschaftsgeschichte) : *The genesis of general relativity from philosophy to cosmology.*

vendredi 23, 13:00 – 17:00, salle 10, EHESS, 105 bd Raspail, Paris 6e.

Pouvoirs de l'imagination. Approches historiques.

13:00–15:00 : Philippe Hamou (Nanterre/CNRS/MPIWG Berlin) : « *Le cheval échappé* ». Montaigne et les enfantements fantasques de l'esprit.

15:00–17:00 : Roberto Poma (UPEC) : *Imagination et douleur, de Marsile Ficin à Thomas Willis.*

vendredi 23, 9:30-17:30, salle Malevitch, 483A

Workshop SAW "Mathematical practices in relation to the Astral Sciences"

:: Numbers, quantities, measuring units and operation (3/3): Different types of operations

Karine Chemla (CNRS, SPHERE & SAW Project) & Daniel P. Morgan (SAW Project, CNRS) : *The production of integers and mathematical operations in writings on astral sciences in ancient China.*

Matthieu Husson (CNRS, SYRTE, Observatoire de Paris & SAW Project) : *Operations on sexagesimal fractions described inside and outside astronomical texts: a comparison.*

Agathe Keller (CNRS, SPHERE & SAW Project) : *Prthūdha's commentary on Brahmagupta's rules on operations with sexagesimal numbers or measuring units. (BSS.12.62-65).*

vendredi 23, 14:00 – 18:00, salle 126, bâtiment Olympe de Gouges

Penser/classer les collections techniques

:: Les arts décoratifs

Céline Trautmann-Waller (Université Sorbonne Nouvelle-Paris 3-CEREG) : *Collectionner et exposer les tapis d'Orient à Vienne à la fin du XIX^e siècle : entre histoire des techniques, théorie de l'ornementation et promotion des arts décoratifs.*

Rossella Froissart (UMR 7303-TELEMME Aix-Marseille Université) : *L'ornementation usuelle (1866-1868) de Rodolphe Pfhor : questions de styles à la portée des ouvriers d'art.*

Audrey Millet (Université Lille III - UMR 8533, CNRS, IDHES) : *Dessinateur-collectionneur en manufacture : dessins, livres et échantillons comme supports des techniques (XVIII^e–XIX^e siècles).*

mardi 27, 9:30 – 12:00, salle Rothko, 412B

Mathématiques et Philosophie, 19^e et 20^e siècles

Séance préparée par **Samson Duran** (GHDSO, Paris-Sud) et **Simon Decaens** (Univ. Paris Diderot, SPHERE),
avec la participation de **Laurent Rollet** (Archives Poincaré, Université de Lorraine):
Sur les méthodes quantitatives en histoire des mathématiques.

vendredi 30, 9:30-17:30, salle Mondrian, 646A

Workshop SAW "Mathematical practices in relation to the Astral Sciences"

:: **Mathematical reasonings in the astral sciences (1/3):** Reasonings in Sanskrit astronomical texts

Sho Hirose (Univ. Paris Diderot, SPHERE & SAW Project): *Reasonings in the Goladīpikā of Paramēśvara.*

Agathe Keller (CNRS, SPHERE & SAW Project): *Reasonings in Pṛthūdaka's commentaries on Brahmagupta.*

Clemency Montelle (University of Canterbury, New Zealand): *Exploring the reasonings of Āmarāja
in commentaries on Brahmagupta.*

vendredi 30 et samedi 31

Philosophie ancienne : Physique et Logique. Philosophie naturelle et théorie de la science chez Aristote

:: **Analogie et ressemblance (II)**

vendredi 14:30–17:00, salle Malevitch, 483A

Mariska Leunissen (University of North Carolina): *Analogy, Resemblance, and Signs:
Physiognomical Science in Aristotle.*

Thomas Auffret (Gramata, Univ. Paris 1): *Remarques sur l'usage philosophique de l'analogie,
d'Hippias à Eudoxe.*

samedi 10:00–12:30,

salle Halbwachs, sec C, 1^{er} étage, Université Paris 1-Sorbonne Panthéon, 17 rue de la Sorbonne, 75005 Paris

Marwan Rashed (ENS): *Analogie, hétérogénéité, multiplicité.*

Riccardo Chiaradonna (Universia di Roma 3): *Plotin critique de l'analogie chez Aristote.*

Informations détaillées en cliquant sur le titre de l'événement ou sur <http://www.sphere.univ-paris-diderot.fr>

Research Unit SPHERE, Science, Philosophy, History, UMR 7219

January 2015, **Seminars**, **Workshops** and **Conferences**

Dates: 5, 7, 8-9, 9, 12, 15, 16, 20, 23, 27, 30, 31

Monday 5, 9:30-17:30, room Malevitch, 483A

Workshop SAW "Mathematical practices in relation to the Astral Sciences"

Organisation of the workshop: Karine Chemla (CNRS, SPHERE & SAW Project), Matthieu Husson (CNRS, SYRTE, Observatoire de Paris & SAW Project), Agathe Keller (CNRS, SPHERE & SAW Project), Christine Proust (CNRS, SPHERE & SAW Project) and the SAW group

:: Numbers, quantities, measuring units and operation (1/3): Numbers versus quantities and sexagesimal place value notation versus decimal notation

John Steele (Brown University, USA) : *Description, Calculation, Measurement: Different Uses of Numbers and Quantities in Babylonian Astronomy.*

Christine Proust (CNRS, SPHERE & SAW Project) : *Contrasts and correspondences between different kinds of numbers and quantities: metrological tables from Late Babylonian Nippur and Uruk.*

Matthieu Husson (CNRS, SYRTE, Observatoire de Paris & SAW Project) : *Remarks on mean motion computations and fixed sexagesimal place value notation.* (Short talk).

Wednesday 7, 9:00, Room 1012, Building Sophie Germain

Workshop ED400, January 7, 2015

Organisation: Karine Chemla, (CNRS, SPHERE & SAW), Sandrine Pellé (LDAR).

9:00 – 10:50 The representatives of the different laboratories composing the Ph.D School will introduce themselves. Various informations by our secretary, Sandrine Pellé. A word by our director, Karine Chemla. Then Justin Smith (Univ. Paris Diderot, SPHERE) will present a project of training in "scientific english".

11:10 – 13:00 Some recently promoted researchers will come back on their Ph.D period and on their career after the defense. Then, as a conclusion to this event, you will be free to exchange individually with each one of them.

Thursday & Friday January 8 – 9, 9:15, Room Luc Valentin, 454A

Health-risk environments —knowledge, responsibilities and agentivity

Conception and organisation: in the context of the Project Qualenv, Marie Gaille, with help of Patricia Philippe and Laurent Lemoine, (CNRS, SPHERE).

Programme.

Scientific Comittee: Philippe Bizouarn, Nathalie Blanc, Laura Centemeri, Valérie Chansigaud, Marie Gaille, Christophe Imbert, Joël Coste. Artistic assistance: Juliette-Andréa Elie

Speakers: Sylvie Ollitrault (CNRS, CRAPE), Mathias Girel (ENS), Benjamin Lysianuk (CNRS, PRODIG), Francelyne Marano (Univ. paris Diderot), Philippe Bizouarn (SPHERE), Joël Coste (Hopital Cochin), Frédérique Dreifuss-Netter (Conseillère à la Cour de cassation), Isabelle Vacarie (Univ. Paris Ouest Nanterre), Laura Centemeri (CNRS, IMM), Catherine Larrère (Univ. Paris 1), Jean-Paul Thibaud (CNRS, CRESSON), Perrine Michon (Univ. Paris Est Créteil), David Blanchon (Univ. Paris Ouest Nanterre), João Arriscado Nunes (Univ. de Coimbra), Florence Bretelle-Establet (CNRS, SPHERE), Nathalie Blanc (CNRS, LADYSS)

Friday 9, 10:00 – 13:00, Centre antique, Université Paris 1

Seminar of translation *The Aristotle Metaphysics* of Alexander of Aphrodisias

Translation of passages of the Commentary on Book Beta.

Monday 12, 9:30 – 17:00, Room Mondrian, 646A

History and Philosophy of Mathematics

:: The evolution of mathematical proofs as choices by their authors.

Session in english organised by Eleonora Sammarchi (University Paris Diderot, SPHERE).

Eleonora Sammarchi: *Short reminder on thought elements ht raised last year concerning "new demonstrations" of the resolution algorithms quadratic equations.*

Xiaofei Wang (University Paris Diderot, SPHERE): *Les démonstrations purement analytiques de Lagrange.*

Alberto Cogliati (Università degli Studi di Milano): *Algebra vs Geometry dans le domaine de la preuve mathématique : une étude de cas issu de la théorie des groupes de Lie.*

Marion Cousin (SPHERE): *Mathematical Proof in American and English Textbooks on Elementary Geometry during the second part of 19th century, and its Introduction in Japanese Education during Meiji Era (1868-1912).*

Monday 12, 10:00 – 12:30, Room Rothko, 412B

History of Logic

:: Four reformer logicians (2/4 continued, 3/4)

Paul Thom (The University of Sydney): *Avicenna's break with Aristotle's logic. The theory of the categories. Propositional forms. Definitions of the syllogism. Modal syllogistic. Hypothetical syllogistic. Averroes' reaction against Avicenna's reforms.*

Ockham's critique of his realist predecessors, including Kilwardby, on the categories, propositional forms, the syllogism. Nominalism in logic. Ockham's programme of 'exposition' as a method of extending the reach of Aristotelian logic. Ockham and Buridan. The theological context.

Thursday 15, 10:00 – 17:30 (tbc), Room Malevitch, 483A

Science and Philosophy from Ancient to Modern Age

:: Recent research on the Prior Analytics and its Greek, Arabic and Latin reception

Organisation: Ahmad Hasnaoui (CNRS, CHSPAM–SPHERE) and Paul Thom (The University of Sydney)

10:00–11:00 **Michel Crubellier** (Université Lille 3): *A Plea for dictum de omni.*

11:00–12:00 **Luca Gili** (K. U. Leuven): *Alexander of Aphrodisias and the heterodox dictum de omni et de nullo.*

14:00–15:00 **Riccardo Strobino** (Ruhr-Univ. Bochum /Univ. of Cambridge): *Avicenna on Absolute and Necessity Propositions in Prior and Posterior Analytics.*

15:00–16:00 **Christina Thomsen Thörnqvist** (Univ. of Gothenburg): *Some comments on the Anonymus Aurelianus III.*

16:00–17:00 **Paul Thom** (Univ. of Sydney): *Robert Kilwardby's contribution to the interpretation of the Prior Analytics.*

Thursday 15, 9:30 – 17:30, Room Mondrian, 646A

History of Science, History of Text

Working Group "**How do Writings in the astral sciences document mathematical practices & the practitioners ?**", Three sessions organised by Matthieu Husson, with Rich Kremer and the SAW team (ERC Project SAW "Mathematical Sciences in the Ancient World").

9:30–11:30 **Sebastian Falk** (Dept. of History and Philosophy of Science, Cambridge): *Amateur astronomers learning with tables: the case of the Equatorie of the Planetis.*

11:45–13:00 & 14:15–15:00 **Matthieu Husson** (CNRS-SYRTE, Observatoire de Paris and SAW project): *John of Murs' eclipse computation in the Escorial O II 10.*

15:15–17:15 **Richard Kremer** (Darmouth College and researcher invited by the SAW project): *Dialing, geometry and proof in early 16th-century Europe: Stabius's paper instruments.*

Friday 16, 9:30-17:30, Room Malevitch, 483A

Workshop SAW "Mathematical practices in relation to the Astral Sciences"

:: Numbers, quantities, measuring units and operation (2/3): Measurement units and magnitudes

John Steele (Brown University, USA): *Numbers and Units in Babylonian astronomy: The Case of the Rising Time Schemes and the Ziqlu-Star Texts.*

Sho Hirose (Univ. Paris Diderot, SPHERE & SAW Project): *Units to measure the arcs of orbits. Bhāskara's commentary on verse 13 of the third chapter of the Āryabhaṭīya.*

Karine Chemla (CNRS, SPHERE & SAW Project): *Various types of numbers, various types of approximations in early Chinese writings on mathematics and astral sciences.* (Short talk).

Friday 16, 15:00 – 17:00, Room Rothko, 412B

Averroes's Cosmology: The Middle Commentary on the *De Caelo* of Aristotle

Cristina Cerami (CNRS, SPHERE): *Révision de la traduction de CMDI I, 4.*

Friday 16, Paris I, Centre Antique et médiéval

Seminar of Translation of the *Elements of Theology*, Proclus

Tuesday 20, 17:00 – 19:00, Room Malevitch, 483A

History and philosophy of physics

Jürgen Renn (Max Planck Institut für Wissenschaftsgeschichte): *The genesis of general relativity from philosophy to cosmology.*

Friday 23, 9:30-17:30, Room Malevitch, 483A

Workshop SAW "Mathematical practices in relation to the Astral Sciences"

:: Numbers, quantities, measuring units and operation (3/3): Different types of operations

Karine Chemla (CNRS, SPHERE & SAW Project) & **Daniel P. Morgan** (SAW Project, CNRS): *The production of integers and mathematical operations in writings on astral sciences in ancient China.*

Matthieu Husson (CNRS, SYRTE, Observatoire de Paris & SAW Project): *Operations on sexagesimal fractions described inside and outside astronomical texts: a comparison.*

Agathe Keller (CNRS, SPHERE & SAW Project): *Prthūdha's commentary on Brahmagupta's rules on operations with sexagesimal numbers or measuring units. (BSS.12.62-65).*

Friday 23, 13:00 – 17:00, Room 10, EHESS, 105 bd Raspail, 75006 Paris

Powers of Imagination. Historical Approach.

13:00–15:00: **Philippe Hamou** (Nanterre/CNRS/MPIWG Berlin): « *Le cheval échappé* ». Montaigne et les enfantements fantasques de l'esprit.

15:00 – 17:00: **Roberto Poma** (UPEC): *Imagination et douleur, de Marsile Ficini à Thomas Willis.*

Friday 23, 14:00 – 18:00, Room 126, Building Olympe de Gouges

Thinking / classifying technical collections

:: Les arts décoratifs

Céline Trautmann-Waller (University Sorbonne Nouvelle-Paris 3-CEREG): *Collectionner et exposer les tapis d'Orient à Vienne à la fin du XIX^e siècle : entre histoire des techniques, théorie de l'ornementation et promotion des arts décoratifs.*

Rossella Froissart (UMR 7303-TELEMME Aix-Marseille University): *L'ornementation usuelle (1866-1868) de Rodolphe Pfner : questions de styles à la portée des ouvriers d'art.*

Audrey Millet (University Lille III - UMR 8533, CNRS, IDHES): *Dessinateur-collectionneur en manufacture : dessins, livres et échantillons comme supports des techniques (XVIII^e–XIX^e siècles).*

Tuesday 27, 9:30 – 12:30, Room Rothko, 412B

Mathematics and Philosophy, 19th and 20th Centuries

Session organised by Samson Duran (GHDSO, Paris-Sud) and Simon Decaens (Univ. Paris Diderot, SPHERE), with participation of Laurent Rollet (Archives Poincaré, Université de Lorraine): *Sur les méthodes quantitatives en histoire des mathématiques.*

Friday 30, 9:30-17:30, Room Mondrian, 646A

Workshop SAW "Mathematical practices in relation to the Astral Sciences"

:: Mathematical reasonings in the astral sciences (1/3): Reasonings in Sanskrit astronomical texts

Sho Hirose (Univ. Paris Diderot, SPHERE & SAW Project): *Reasonings in the Goladīpikā of Paramēśvara.*

Agathe Keller (CNRS, SPHERE & SAW Project): *Reasonings in Pṛthūdḥaka's commentaries on Brahmagupta.*

Clemency Montelle (University of Canterbury, New Zealand): *Exploring the reasonings of Āmarāja in commentaries on Brahmagupta.*

Friday 30 & Saturday 31

Ancient Philosophy: Physics and Logic. Natural Philosophy and Theory of Science in Aristoteles

:: Analogie et ressemblance (II)

Friday 14:30–17:00, room Malevitch, 483A

Mariska Leunissen (University of North Carolina): *Analogy, Resemblance, and Signs: Physiognomical Science in Aristotle.*

Thomas Auffret (Gramata, Univ. Paris 1): *Remarques sur l'usage philosophique de l'analogie, d'Hippias à Eudoxe.*

Saturday 10:00–12:30,

room Halbwachs, sec C, level 1, University Paris 1-Sorbonne Panthéon, 17 rue de la Sorbonne, 75005 Paris

Marwan Rashed (ENS): *Analogie, hétérogénéité, multiplicité.*

Riccardo Chiaradonna (Università di Roma 3): *Plotin critique de l'analogie chez Aristote.*

Informations détaillées en cliquant sur le titre de l'événement ou sur <http://www.sphere.univ-paris-diderot.fr>