

# Alexis Trouillot

## Contact

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France

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## Nationality

French

## Languages

Amharic (basic reading)  
Arabic (advanced reading  
conversation)  
English (fluent)  
French (native)  
German (basic reading)

## Programming languages and software

Microsoft Office (Word, Excel,  
Powerpoint)  
L<sup>A</sup>T<sub>E</sub>X.  
CamL & Python language  
Formal Calculus software SAGE  
XML language and applications  
to digital humanities

## Research themes

Intellectual History, History of the Sahel, History of Mathematics, Colonial Epistemology, History of West Africa, Anthropology of Mathematics, Social History of Sciences.

## Education

- since 2016 **Ph.D. candidate in History of sciences** Université Diderot Paris 7,  
Laboratoire de L'UMR 7219 S.P.H.E.R.E (Sciences-Philosophie- Histoire, Dissertation  
Advisor: Professor Pascal CROZET  
Working title: *The Mathematical World in the Bilad Shinqit between 1714  
and 1936*
- October 2018-April 2019 Arabic & Islamic inheritance classes at the  
Subul Assalam Center for Arabic Language
  - October 2018-January 2019 Arabic classes at the Arabic Language  
Institute in Fez
  - September 2017-May 2018 Coursework at Columbia University:
    - Introduction to African Philosophy
    - Africa: Modernity and Postcolonial experience
    - Foundation to Islamic studies
  - September 2016-May 2017 Intermediate Arabic class at l'Espace  
des Cultures & Langues d'Ailleurs of École Normale Supérieure.
  - December 2016-March 2017 Training *Introduction au traitement  
numérique des manuscrits avec XML-TEI* with Paris Sciences et Lettres
  - September-October 2016 Intensive class *Introduction à l'encodage  
XML-TEI* with Paris Sciences et Lettres
- 2015-2016 **Master's Degree Program** Université Diderot Paris  
History and Philosophy of Sciences  
Master's Thesis: *Les manuscrits mathématiques et astronomiques dans le  
Bilad al-Sudan occidental (Mathematical and Astronomical Manuscripts in  
Western Bilad al-Sudan)*
- 2014-2015 **Master's Degree Program** Université Paris Sud  
Master 2. Training Program for Certified Professors (professeurs  
agrégés) Specialisation: Formal Calculus
- 2013-2014 **Master's Degree Program** Université Paris Sud  
Master 1 in Fundamental and Applied Mathematics  
Specialisations: Algebra, Analysis and General Mathematics, Arithmetic,  
Formal Calculus, Distributions, History of Mathematics
- 2012-2013 **Undergraduate Degree Program** Université Paris Sud  
Major in Fundamental and Applied Mathematics
- 2010-2012 **C.P.G.E. – Preparatory Coursework in Advanced Mathematics** Lycée  
Fenelon  
2012 Mathématiques Spéciales M.P 2011  
Mathématiques Supérieures M.P.S.I
- 2009-2010 **Baccalauréat, Scientific High School Diploma** Lycée Français de New York  
Specialisation: Mathematics

# Seminars

February 15, 2021	<b>Talk at the seminar Lecture de textes mathématiques anciens</b> <i>"Nuzhat al-'albāb", a treatise on calculations by 'Umar al-Walāfī (d. 1836-7)</i>	Université Paris 7
February 12, 2021	<b>Talk at the seminar "Recherche sur l'histoire des textes arabes</b> <i>Partager l'héritage au désert : l'application des farā'id dans l'Ouest saharien (XVIIe-XIXe siècle)</i>	Institut de Recherche et d'Histoire des Textes
December 19, 2020	<b>Talk at the seminar History of Science, History of Text</b> <i>Production of an archive and production of a calculation text in the Saharan West</i>	Université Paris 7
May 18, 2020	<b>Talk at the seminar Lecture de textes mathématiques</b> <i>"Correction" or "Integerization": a Mauritanian Treatise on Fara'id</i>	Université Paris 7
November 13, 2019	<b>Talk at the "Brown Bag" seminar</b> <i>Hermaphrodites and Fractions: a Mauritanian Fatwa on Inheritance and Hisab</i>	University of Illinois at Urbana-Champaign
June 17, 2019	<b>Talk at the seminar Lecture de textes mathématiques</b> <i>Two Sexes and that Many Sets of Fractions: a Mauritanian Fatwa on Inheritance</i>	Université Paris 7
June 13, 2019	<b>Talk at the seminar History of Science, History of Text</b> <i>The Place of hisab in Mauritanian Catalogs</i>	Université Paris 7
April 10, 2019	<b>Commentator at the seminar of the European Project S.A.W On Cultures of Scientific Prac- tice in Ancient Mathematical Sciences</b> <i>Economizing mathematical practice in economic texts</i>	Université Paris 7
September 13-15, 2018	<b>Talk at West Africa and the Maghreb: Reassessing Intellectual Connections in the 21st century symposium</b> <i>Mathematical manuscripts in the Sahel</i>	Harvard University
July 9-12, 2018	<b>Talk at the 4èmes Rencontres des JCEA</b> <i>Ethnomathics and History of Mathematics in Africa</i>	Université d'Aix-Marseille
June 13, 2018	<b>Talk at the seminar Lecture de textes mathématiques</b> <i>On a geometrical textbook of the 20th century in Mauritania, Nouakchott 582</i>	Université Paris 7
May 25, 2018	<b>Talk at the Sage Philosophy Workshop</b> <i>Mathematics as an universalisable discipline</i>	University of Nairobi
December 8, 2017	<b>Talk at the Sage Philosophy Workshop</b> <i>The Folk, the Philosophical and the Mathematical Sage</i>	Columbia University
June 17, 2017	<b>Talk at the Afrique transversale seminar</b> <i>Cheikh Anta Diop session</i>	École Normale Supérieure
June 10, 2017	<b>Co-organized the presentation seminars for the Doctoral School E.D. 400</b>	Université Paris 7
April 24-29, 2017	<b>Co-organized Arabic Week</b>	École Normale Supérieure
January 24, 2017	<b>Talk at the seminar Rothko of history of mathematics</b> <i>L'éthnomathématique de Paulus Gerdes</i>	Université Paris 7
January 17, 2017	<b>Organized a session of the Rothko seminar of history of mathematics</b>	Université Paris 7
January 4, 2017	<b>Co-organized the orientation seminars for the Doctoral School E.D. 400</b>	Université Paris 7
November 16, 2016	<b>Co-organized the presentation seminars for the Doctoral School E.D. 400</b>	Université Paris 7
October 25, 2016	<b>Commentator at the seminar of the European Project S.A.W Writing histories of ancient mathematics</b> <i>On formula for computing both the volume of a truncated pyramid &amp; the circumference of hermeneutic circles</i>	Université Paris 7

## Publications

Pending review	<b>The Elder and the Three Intersexes: Navigating Intellectual Authority in Nineteenth Century Sahara</b> Die Welt Des Islams
Accepted for publication	<b>Ethnomathematics and History of Mathematics in Africa</b> Cahiers d'Études Africaines

## Internship & research trip

18-25 January 2019	<b>Research trip to Mauritania</b> Digitization of selected mathematical manuscripts. Interviews	C.E.R.O.S (Centre d'Études et de Recherches sur l'Ouest Saharien)
17-23 October 2018	<b>Research trip to Mauritania</b> Digitization of selected mathematical manuscripts	C.E.R.O.S (Centre d'Études et de Recherches sur l'Ouest Saharien)
21-25 May 2018	<b>Sage Philosophy Workshop</b> Application of Sage Philosophy	University of Nairobi/Columbia Global Center in Nairobi
26 March-19 April 2017	<b>Research trip to Mauritania</b> Identification and digitization of mathematical manuscripts	C.E.R.O.S
June 2015	<b>Research internship under Dr. Christine Proust's supervision</b> Conducted research on the works of the historian of sciences Otto Neugebauer on scientific practices in Ethiopia	Université Paris 7
July 2013	<b>Internship with Dr. David Aubin</b> In charge of creating a network of texts relating to Fredholm's Theory and its circulation between 1883 and 1911	Université Paris 6

## Awards

2018	<b>Illinois Library Travel Grant</b> Funding for a research trip to consult the Sidiyya Archives	University of Illinois at Urbana-Champaign
2017	<b>Fulbright scholarship for Ph.D candidates</b> Funding for a 8 month research trip as a visiting scholar from September 2017 to May 2018	Columbia University
2016	<b>Doctoral Grant of E.D 400</b> Funding for 3 years of doctoral research from October 2016 to October 2019	Université Paris 7
2011	<b>3rd place in the short story contest between the lycées Fenelon, Henri-IV and Louis-le-Grand</b>	Lycée Fenelon

## Administrative responsibilities

2020-	<b>Coordinator of the seminar "Histoire et Philosophie des Mathématiques"</b>	Université Paris 7
27-29 June 2018	<b>Assistant organizer at the conference "Measurement at the Crossroads"</b>	Université Paris 7
2016-2017	<b>Doctoral Student Delegate of S.P.H.E.R.E Lab</b>	Université Paris 7