

Curriculum Vitae

Personal Information

Dr Nicolas Labrosse, PhD (Orsay), FInstP, SFRET, FRAS, FHEA

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		Email	Nicolas.Labrosse@glasgow.ac.uk
		Web	Astronomy & Physics Education group
		Twitter	@niclabrosse

Date of Birth: 18th July 1975

Present Appointment

08/2015-present Senior Lecturer in Physics and Astronomy, University of Glasgow

Employment History

02/2002–09/2007: Research assistant in Solar System Physics, Aberystwyth University

09/2007–08/2015: Lecturer in Astronomy & Astrophysics, University of Glasgow

Academic Qualifications

2007–2009: University of Glasgow. Postgraduate Certificate in Academic Practice

1998–2001: Paris XI University. PhD in Plasma Physics

1997–1998: Paris XI University. DEA in Plasma Physics

1996–1997: Bordeaux I University. Maîtrise in Physics

1995–1996: Bordeaux I University. Licence in Physics

1993–1995: Bordeaux I University. DEUG A

Teaching & Related Administration

Since 2022 **Assessment & Feedback Policy and Practice workstream member.** Reporting to the University Learning and Teaching Committee and to the Assessment & Feedback Phase 2 Project Board, enabling enhancement to the University's approach to assessment and feedback.

Since 2021 **Physics 1 Class Head.** Overall responsibility of all teaching activities in the class including assessment, student experience, class administration and organisation. Leading a team of 10+ lecturers and 5 staff in admin roles.

Senate Assessor for Student Conduct. Chairing or participating in student conduct interviews, commenting on outcome letters sent to students, responses to appeals.

2021 **Inclusive Online Assessment Working Group, Chair.** Reporting to the University's Learning and Teaching Committee, the group addressed the

	challenges and opportunities surrounding online assessment in quantitative disciplines.
2020-2021	Physics 1 Deputy Class Head. Responsible for setting class test and degree examination papers, moderation of assessment results, and maintaining a sense of belonging despite remote environment.
2020-2022	Flexible Teaching Lead, Physics & Astronomy. Leading a small academic team in School to ensure successful teaching delivery during covid-19 pandemic.
Since 2019	Co-chair of newly funded Astronomy & Physics Education group. Ensuring sharing of good practice, and supporting scholarship and education research activities in the School of Physics & Astronomy.
2017-2021	Subject moderator for Glasgow International College's "STEM PGT pathways"
2015-2018	Senate Student Conduct Committee member
2014-2016	Astronomy 1 Deputy Laboratory Head. I coordinated the Semester 2 practical teaching in Astronomy to 1 st year students, managed postgraduate demonstrators and lab technician, and was specifically responsible for two experiments.
2012-2013	Exploring the Cosmos 1 Deputy Class Head. I helped to coordinate the teaching activities and administer this course for over 330 students. Acted as Class Head for one semester to cover for Class Head illness.
Since 2012	Teaching Committee member. I have been involved in evaluating our teaching of computer programming and make recommendations to enhance our provision in this area. Currently responsible for Vertical Integration of Teaching review.
2011-2019	Convenor of Postgraduate taught master programmes. Organisation, coordination and promotion of the School's taught Masters programmes in, and at the interface with, Physics.
	Advisor of studies for taught postgraduate students
2011-2017	Chair of the PGT Examination Board
2008-2010	Exploring the Cosmos 2 Class Head. Coordination of teaching activities in this module and responsible for 4 lecturers.
Since 2008	Internal Checker (Astronomy). Quality assurance of astronomy examination papers.
	Internal examiner for MSc and PhD degrees; Chair of PhD examinations
2008-2014	Recruitment and Retention Committee member. Organisation and co-animation of the Science Startup Masterclasses attracting 60 S1/S2 pupils per year.
Since 2007	Astronomy Examination Board Committee member

Selected Grants

2022	Learning and Teaching Development Fund Student Staff Partnership Scheme (Assessment and Feedback), University of Glasgow. Project title: "Inclusive and authentic assessment with constructive feedback in Physics and Astronomy" - £12324
2018	Learning and Teaching Development Fund Student Partnership Scheme (Enhancing Assessment and Feedback), University of Glasgow. Project title: "Enhancing assessment and feedback under The Sun's Atmosphere for PGT students" - £1248
	Institute of Physics, travel bursaries to attend ViCEPHEC18 conference - £2000

2015	“Transitions to PGT study” University of Glasgow LTDF - £4506 (01/09/2015 – 31/08/2016)
	“Kelvin News” University of Glasgow Chancellor Fund - £2000 (01/01/2015 – 31/12/2016)
	“French Café Scientifique” outreach support from Royal Astronomical Society - £300 (01/09/2015 – 31/08/2017)
2010	Undergraduate Ambassadors Scheme - £2000 (01/06/2010 – 31/12/2015)

Selected papers

- Mulay S M, Fletcher L, Hudson H, Labrosse N (2023) Behaviour of molecular hydrogen emission in three solar flares, *Monthly Notices of the Royal Astronomical Society*, 526, 3, 4755–4767, <https://doi.org/10.1093/mnras/stad2853>
- Gunár, S., Labrosse, N., Luna, M. et al. (2023) On the Physical Nature of the so-Called Prominence Tornadoes. *Space Sci Rev* 219, 33. <https://doi.org/10.1007/s11214-023-00976-w>
- Labrosse (2022) Reforming how we evaluate students, *Phys. World* 35 (11) 19
- Labrosse N, Rodger A S, Radziszewski K, Rudawy P, Antolin P, Fletcher L, Levens P J, Peat A W, Schmieder B, Simões P J A, (2022) First high resolution interferometric observation of a solar prominence with ALMA, *Monthly Notices of the Royal Astronomical Society: Letters*, 513, 1, L30–L34, <https://doi.org/10.1093/mnrasl/slac021>
- Peat A W, Labrosse N, Schmieder B and Barczynski K. (2021) Solar prominence diagnostics from non-LTE modelling of Mg II h&k line profiles, *A&A*, 653 (2021) A5 <https://doi.org/10.1051/0004-6361/202140907>
- Bellamy, G. , Brown, R. , Cleland Woods, H. , Labrosse, N. , Senn, H. , Singer, J. and Vezza, M. (2021) Togetherness: the central tenet of an effective institutional online pivot. *Journal of Perspectives in Applied Academic Practice*, 9(2), pp. 82-90. (doi: 10.14297/jpaap.v9i2.491)
- Labrosse, N. et al. (2017) Preparing for the Journey: Supporting Students to Make Successful Transitions Into and Out of Taught Postgraduate Study. 10th Annual University of Glasgow Learning and Teaching Conference, Glasgow, UK, 30 Mar 2017.
- Bownes, J. et al. (2017) Supporting students in the transition to postgraduate taught study in STEM subjects. *Journal of Perspectives in Applied Academic Practice*, 5(2), pp. 3-11. (doi: 10.14297/jpaap.v5i2.280)

Professional Activities beyond the University of Glasgow

IOP Higher Education Group Committee, Acting Secretary (2021-22)
 IOP Degree Accreditation Committee, member (since 2019)
 ViCEPHEC steering group, member (since 2018)
 IOP Degree Accreditation Committee, assessor (since 2018)
 IOP Higher Education Group Committee, Chair (2017-2021)
 IOP Scotland, Committee member (since 2015)

Esteem Indicators

Selected host for Variety in Chemistry Education & Physics Higher Education Conference, (2021)
 Senior Fellow, Recognising Excellence in Teaching (2018)
 Fellow of the Institute of Physics (2017)
 Promotion to Senior University Teacher (2015)