

Date of the CVA	21/01/2021
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Section A. PERSONAL DATA

Name and Surname	Mirjana Povic		
DNI/NIE/Passport		Age	
Researcher's identification number	Researcher ID	F-3578-2018	
	Scopus Author ID		
	ORCID	0000-0002-9766-6110	

* Obligatorio

A.1. Current professional situation

Institution	Mbarara University of Science and Technology (MUST), Uganda		
Dpt. / Centre			
Address			
Phone		Email	
Professional category	Honorary lecturer	Start date	2018
Keywords			

A.2. Academic education (Degrees, institutions, dates)

Bachelor/Master/PhD	University	Year
Expert in migrations and gender based violence	International University of Rioja, Spain	2013
PhD in astrophysics	University of La Laguna, Spain	2010
DEA in astronomy and astrophysics	University of La Laguna, Spain	2007
Degree in astrophysics	University of Belgrade, Serbia	2005

A.3. General quality indicators of scientific production

General quality indicators of scientific production

(* source: ADS/NASA (on 21/01/2020), http://adsabs.harvard.edu/abstract_service.html)

- Number of papers*: 106 (refereed 67)
- Number of books: 1 (Nuclear Activity in Galaxies Across Cosmic Time, main editor, in-press under the publication at the Cambridge University Press)
- Number of State policy documents: 3 (for Ethiopian Government)
- Total citations*: 1163
- Total number of reads*: 33155

- Total number of downloads*: 15632
- h-index*: 17 - Research Gate score: 34.95 (higher than 92.5% of all >15 million members)
- PhD thesis supervisions: 5 (Ethiopia/Rwanda/Uganda/South Africa)
- MSc thesis supervisions: 9 (Ethiopia/Rwanda/Uganda/Tanzania)
- Work presented at > 40 international conferences (15 invited talks)
- SOC of 13 conferences (chair of 2, co-chair of 2), LOC of 7 conferences (chair of 1)
- past and/or active member on 11 committees/boards
- reviewed papers in Astrophysical Journal, Astronomy and Astrophysics, Frontiers in

Astronomy and Space Science

- reviewed proposals under the Science Fund of the Republic of Serbia, Poland Research Council, ESSTI and Eth. Min. of Innovation and Technology, IAU Div. C

- reviewed MSc and PhD thesis in Ethiopia and South Africa

Section B. SUMMARY OF THE CURRICULUM CURRENT POSITION

- Assistant professor (2016 -), ESSTI, Ethiopia
- Associate researcher (2016 -), IAA-CSIC, Spain

- Honorary lecturer (2018 -), MUST, Uganda

PREVIOUS POSITIONS

- ESSTI, Ethiopia (2018-2020), Head of A&A Dep.
- IAA-CSIC, Spain (2013-2016), JAE-DOC fellowship
- IAA-CSIC, Spain (2011-2013), postdoc
- UKZN, South Africa (2010), postdoc

EDUCATION- PhD in astrophysics (Cum Laude), ULL/IAC, Spain (2010)

- DEA in astrophysics, ULL/IAC, Spain (2005-2007)
- BSc in astrophysics, U. of Belgrade, Serbia (2000-2005), GPA 9.35 (out of 10.0, on scale of 5.0 - 10.0)
- Post-graduate course, Expert in Migrations and Gender Based Violence, U. Inter. de Rioja, Spain (2012-2013)

MAIN RESEARCH INTERESTS

- AGN, star formation, morphological classification, galaxy clusters, galaxy formation and evolution

PUBLICATIONS- 1 IAUS proceedings book (main editor), 67 journal papers, 36 proceedings papers, numerous public communications

AWARDS/RECOGNITIONS- 2018 - Inaugural Nature Research Award for Inspiring Science

- 2019 - ESSTI recognition for development of astronomy in Ethiopia
- 2019 - Science Fund of the Republic of Serbia invitation to be one of 16 science ambassadors
- 2020 - Ethiopian Space Science Society recognition for contribution to education and outreach in astronomy
- 2020 - IAA-CSIC nomination for EAS Jocelyn Bell Burnell Inspiration Medal

PROJECTS- Big surveys: ALHAMBRA, GLACE, SAFIR, OTELO, J-PAS

- 15 research projects funded through public competitive calls (PI of 2, co-PI of 2)
- 3 international EU proposals (SELGIFS, 5A, MATERNA), Ethio-French human-capacity building proposal
- principal coordinator of ESSTI extragalactic astronomy group with 9 projects running
- Ethiopian Space Science and Technology 10 years Road Map, MInT
- First Ethiopian Space Policy and Strategy, MInT: green and white papers

COMMITTEES- African-European Radio Astronomy Platform Women in Science (2021 -), member

- Co-convener of the Astrophysics & Cosmology working group of the African Strategy for Fundamental and Applied Physics (2020 -)
- African Network of Women in Astronomy (2020 -), main coordinator, founder
- African Astronomical Society science committee (2019 -), member

- PROMIS evaluation committee, Science Fund of the Republic of Serbia (2019 -)
- ESSTI research committee (2019 -), secretary
- IAU Division C steering committee (2018-2021), member
- ESSTI science committee (2018-2020), member
- Ethiopian Space Policy and Strategy committee (2018-2019), coordinator for space science
- Ethiopian Space Science and Technology Road Map committee (2016-2018), secretary; (2020-), member
- Network for Astronomy School Education, coordinator for Africa (2016-)

STUDENTS SUPERVISIONS- 5 PhD and 9 MSc supervisions (Ethiopia, Uganda, Rwanda, South Africa, and Tanzania)

LECTURING- 5 PhD and 8 MSc courses in Ethiopia (2015 - 2021)

- 2 MSc courses in Uganda (2018, 2019), 1 BSC in South Africa (2010)
- Invited lecturer under the 2020/2021 African School of Physics and 20/21 OYSA school
- 10 BSc/MSc/PhD organised schools/trainings
- 9 organised teachers trainings

ORGANISED CONFERENCES and INVITED TALKS- SOC/LOC chair of IAUS356 and 1 EWASS2018 SS

- SOC of 13 and LOC of 7 conferences/workshops
- 15 invited talks, including 2 UN and 1 EU interventions, IAU 100 years, IAC 50 years, and SAAO 200 years celebrations

MEMBERSHIPSIAU, EAS, SEA, AfAS, AfNWA, AMIT, SEWiST

Section C. MOST RELEVANT MERITS (ordered by typology)

C.1. Publications

AC: Autor de correspondencia; (nº x / nº y): posición firma solicitante / total autores

- 1 Scientific paper.** Dejene Zewdie; Mirjana Povic; Manuel Aravena; Roberto J. Assef; Asrate Gaulle. 2020. AGN and star formation properties of inside-out assembled galaxy candidates at $z < 0.1$ MNRAS. 498-3, pp.4345-4355.
- 2 Scientific paper.** Zeleke Beyoro-Amado; Mirjana Pović; et al.2019. A morphological study of galaxies in ZwCl0024+1652, a galaxy cluster at redshift $z \sim 0.4$ MNRAS. 485, pp.1528-1545.
- 3 Scientific paper.** Mahoro Antoine; Mirjana Pović; et al.2019. Star formation in far-IR AGN and non-AGN galaxies in the green valley - II. Morphological analysis MNRAS. 485, pp.452-463.
- 4 Scientific paper.** Mirjana Povic; et al.2018. Development in astronomy and space science in Africa Nature Astronomy. 2, pp.507-510.
- 5 Scientific paper.** A. Mahoro; M. Pović; P. Nkundabakura. 2017. Star formation of far-IR AGN and non-AGN galaxies in the green valley: possible implication of AGN positive feedback MNRAS. 471, pp.3226-3233.
- 6 Scientific paper.** Mirjana Pović; et al.2016. Star formation and AGN activity in the most luminous LINERS in the local universe MNRAS. 462-3, pp.2878-2903.
- 7 Scientific paper.** M. Pović; et al.2015. Impact from spatial resolution and depth on the morphological classification of galaxies MNRAS. 453-2, pp.1644-1668.

- 8 **Scientific paper.** Pović, M.; Huertas-Company, M.; Aguerri, J. A. L.; et al; Quintana, J. M.2013. The ALHAMBRA survey: reliable morphological catalogue of 22,051 early- and late-type galaxies Monthly Notices of the Royal Astronomical Society. 435-3444.
- 9 **Scientific paper.** Lara-Lopez, Maritza Arlene; Cepa-Nogue, Jordi; Bongiovanni, Angel; et al; Sánchez-Portal, Miguel. 2010. A FUNDAMENTAL PLANE FOR FIELD STAR-FORMING GALAXIES Astronomy and Astrophysics. 521, pp.53-57. ISSN 0004-6361.
- 10 **Scientific book or monograph.** main editor; et. al. 2020. Nuclear Activity in Galaxies Across Cosmic Time Cambridge University Press. Cambridge University Press.
- 11 **Scientific-technical report.** 2018. Ethiopian Space Policy and Strategy: green paper Ministry of Science and Technology. Ministry of Science and Technology.

C.2. Participation in R&D and Innovation projects

- 1 PID2019-106027GB-C41, COMPRENSION DE LA ACTIVIDAD NUCLEAR EN GALAXIAS: DE LAS BAJAS A LAS ALTAS TASAS DE ACRECION Ministry of Science and Innovation. (Instituto de Astrofísica de Andalucía (IAA-CSIC)). 01/06/2020-31/05/2023. 157.300 €. Team member.
- 2 DICHOTOMY BETWEEN RADIO-LOUD AND RADIO-QUIET QUASARS I-COOP+2020. (IAA-CSIC). 01/01/2021-01/01/2023. 19.050 €. Co-ordinator.
- 3 Characterisation of Entoto astronomical site and testing of Entoto telescopes in Ethiopia Ministry of Innovation and Technology. (ESSTI). 01/01/2020-01/06/2021. 30.000 €. Principal investigator.
- 4 AYA2016-76682C3-1-P, AGN near and far. From the central engine to the host and its environment (Instituto de Astrofísica de Andalucía). 01/01/2017-01/01/2020. 75.000 €. Team member.
- 5 Morphological Properties of Active Galaxies in Deep Surveys I-COOP+2017. (IAA - CSIC). 18/12/2017-18/12/2019. 10.000 €. Co-ordinator.
- 6 AYA2013-42227-P, From low to high accretion rate AGN. Feeding and feedback. (Instituto de Astrofísica de Andalucía (IAA-CSIC)). 01/01/2015-01/01/2018. 154.000 €. Team member.
- 7 AYA2014-58861-C3-3-P, GLACE: Evolution of Galaxies in clusters (ASPID (Asociación Astrofísica para la Promoción de la Investigación, Instrumentación y su Desarrollo)). 01/01/2015-31/12/2017. 30.250 €. Team member.
- 8 P08-TIC-03531, Nuclear Activity in Local Galaxies (Instituto de Astrofísica de Andalucía (IAA-CSIC)). 01/01/2009-01/2013. 630.147,36 €. Team member.
- 9 AYA2008-06311-C02-01, Evolution of Galaxies (Instituto de Astrofísica de Canarias (IAC)). 01/01/2009-31/12/2011. 434.869,16 €. Team member.
- 10 Development of Extragalactic Astronomy in Ethiopia and East-African Region (ESSTI). From 01/06/2017. Principal investigator.
- 11 TIC 114, Galaxies and Cosmology (Instituto de Astrofísica de Andalucía (IAA-CSIC)). From 01/01/2011. 100.000 €. Team member.
- 12 AYA2010-15169, Nuclear Activity in Galaxies (Instituto de Astrofísica de Andalucía (IAA-CSIC)). From 01/01/2011. 120.000 €. Team member.
- 13 Dark Energy Constraints from Large HI Surveys and the Tully-Fisher Relation (University of Kwa-Zulu Natal (UKZN)). From 01/05/2010. Team member.
- 14 AYA2005-04149, OSIRIS: Commissioning and Scientific Exploitation Through OTELO (Instituto de Astrofísica de Canarias (IAC)). From 01/01/2006. Team member.

C.3. Participation in R&D and Innovation contracts

C.4. Patents