

The Blue Multi Unit Spectroscopic Explorer (BlueMUSE) on the VLT: science drivers and overview of instrument design (Erratum)

Johan Richard,¹ Rémi Giroud,¹ Florence Laurent,¹ Davor Krajnović,² Alexandre Jeanneau,¹ Roland Bacon,¹ Manuel Abreu,³ Angela Adamo,⁴ Ricardo Araujo,⁵ Nicolas Bouché,¹ Jarle Brinchmann,³ Zhemin Cai,⁶ Norberto Castro,^{2,7} Ariadna Calcines,⁸ Diane Chapuis,⁵ Adélaïde Claeysens,⁴ Luca Cortese,⁹ Emanuele Daddi,¹⁰ Christopher Davison,⁸ Michael Goodwin,⁶ Robert Harris,⁸ Matthew Hayes,⁴ Mathilde Jauzac,¹¹ Andreas Kelz,² Jean-Paul Kneib,⁵ Audrey A. Lanotte,¹² Jon Lawrence,⁶ Vianney Le Bouteillier,¹⁰ Rémy Le Breton,¹³ Matthew Lehnert,¹ Angel Lopez Sanchez,⁶ Helen McGregor,⁶ Anna F. McLeod,¹¹ Manuel Monteiro,³ Simon Morris,⁸ Cyrielle Opitom,¹⁴ Arlette Pécontal,¹ Martin M. Roth,² David Robertson,⁶ Jesse van de Sande,¹⁵ Russel Smith,¹¹ Matthias Steinmetz,² Mark Swinbank,¹¹ Tanya Urrutia,² Anne Verhamme,¹² Peter M. Weilbacher,² Martin Wendt,¹⁶ François Wildi,¹² Jessica Zheng⁶

¹Univ. Lyon 1, CNRS, Ctr. de Recherche Astrophysique de Lyon (France)

²Leibniz-Institut für Astrophysik Potsdam (Germany)

³Instituto de Astrofísica e Ciências do Espaço (Portugal)

⁴Stockholm Univ. (Sweden)

⁵Ecole Polytechnique Fédérale de Lausanne (Switzerland)

⁶Australian Astronomical Optics, Macquarie Univ. (Australia)

⁷Institut für Astrophysik und Geophysik (Germany)

⁸Ctr. for Advanced Instrumentation, Durham Univ. (United Kingdom)

⁹The Univ. of Western Australia (Australia)

¹⁰Univ. Paris-Saclay, Univ. Paris Cité, CEA, CNRS, AIM (France)

¹¹Ctr. for Extragalactic Astronomy, Durham Univ. (United Kingdom)

¹²Univ. de Genève (Switzerland)

¹³Univ. Paris-Saclay, CEA-IRFU (France)

¹⁴Institute for Astronomy, Univ. of Edinburgh, Royal Observatory (United Kingdom)

¹⁵Univ. of New South Wales (Australia)

¹⁶Univ Potsdam (Germany)

Proceedings Volume 13096, Ground-based and Airborne Instrumentation for Astronomy X; 1309622 (2024)
<https://doi.org/10.1117/12.3019831>

Event: SPIE Astronomical Telescopes + Instrumentation, 2024, Yokohama, Japan

Online Publication Date: 7 July 2024

Erratum Published: 30 August 2024

Publisher's note: this paper [Proceedings Volume 13096, Ground-based and Airborne Instrumentation for Astronomy X; 1309622 (2024) <https://doi.org/10.1117/12.3019831>] was originally published on 7 July 2024. A revised version was published on 30 August 2024. Author Martin M. Roth was initially not included in the author list and has now been added.