

FUTURE SPACE MISSIONS FOR STUDIES OF WHITE DWARFS

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Since the last European White Dwarf Workshop in 2018, the space mission landscape has changed considerably. ESA has carried out its Voyage 2050 planning exercise for future missions and the US National Academy of Sciences Decadal survey has published its report. The key output for space astronomy is the recommendation to develop and fly a large, 6-m class, UVOIR observatory. It is highly likely that ESA will take a major role in this NASA-led effort. In addition, ESA issued a call for new M- and F-class missions. The submissions are currently being evaluated. A number of space missions will emerge from these processes that are likely to be of interest for the study of white dwarfs. This paper surveys the missions currently under discussion, evaluates their relevance to studies of white dwarfs and provides guidance for community participation.