



Contribution ID: 164

Type: Poster

Vacuum ultraviolet laser spectroscopy of four carbon monoxide isotopomers

A tunable, narrow bandwidth vacuum ultraviolet laser source was applied to fluorescence excitation spectroscopy of four carbon monoxide isotopomers. The high spectral resolution and sensitivity of the technique facilitated detection of the lines of rare isotopomers and forbidden transitions. In this poster we give an overview of results and recent progress.

Primary author: Dr STEENKAMP, Christine (Laser Research Institute, University of Stellenbosch)

Co-authors: Dr DU PLESSIS, Anton (CSIR National Laser Centre, Pretoria); Mr NORTJE, Anton (Laser Research Institute, University of Stellenbosch); Prof. ROHWER, Erich (Laser Research Institute, University of Stellenbosch); Mr DICKENSON, Gareth (Laser Centre Vrije Universiteit, Amsterdam, The Netherlands); Prof. WALTERS, Piet (Laser Research Institute, University of Stellenbosch)

Presenter: Dr STEENKAMP, Christine (Laser Research Institute, University of Stellenbosch)

Track Classification: Track C - Lasers, Optics and Spectroscopy