



Raman Spectroscopy and Microscopy

Technical Work Area 42

Project 5

Factors Affecting Reproducibility in Raman Spectroscopy

Objectives

The Raman spectroscopy community recognizes that it is a challenge to ensure that results are reproducible.

This project will survey the community on the extent to which they view reproducibility as a challenge, the situations where it is a challenge, and the perceived importance of various possible technical issues.

The results will help determine where more information must be provided when reporting Raman spectroscopy-based analyses.

Background

Raman spectroscopy, which has been well developed in research laboratories, is becoming more widely used. It is applicable as an analytical tool in different industry sectors by users with varied backgrounds and expertise.

In recent years, it has become a common analytical technique used in research and development of new materials, testing and quality assessment.

Users are obtaining, reporting and drawing conclusions from Raman spectroscopic data. However, at present there are a lack of standards for reporting. As a result, many reports fail to provide sufficient information about the testing procedures, and this is a barrier to reproducibility.

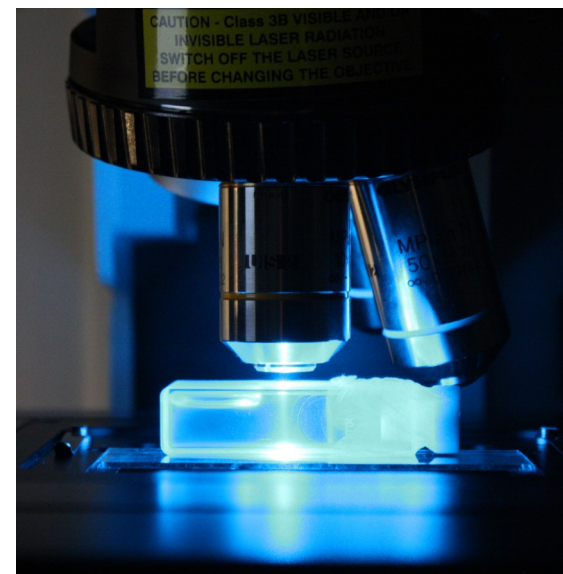
Deliverables and Dissemination

The information from this survey will identify the key issues and then be used as input for the preparation of a guide that will articulate the best practices for reporting to make Raman spectroscopy reproducible.

International Participation

This survey is fully open for international participation.

CONSULTATION SURVEY



Survey Link: <https://www.surveymonkey.com/r/LQKCPGD>



For more information:

Project Leaders
Paul Finnie
Paul.Finnie@nrc-cnrc.gc.ca
National Research Council Canada

Li-Lin Tay
Li-Lin.Tay@nrc-cnrc.gc.ca
National Research Council Canada

Chair, VAMAS TWA 42
Erlon H. Martins Ferreira
Inmetro, Brazil
Email: ehferreira@inmetro.gov.br

www.vamas.org

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