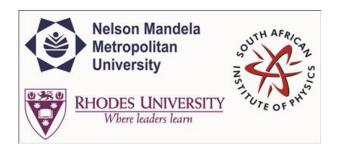Contribution ID: **245**                                              Type: **Poster Presentation**

# Minimum Norm Estimates for the Bioelectromagnetic Inverse Problem

*Wednesday, 1 July 2015 16:10 (1h 50m)*

## Abstract content <br>   (Max 300 words)<br><a href="http://events.saip.org.za/getFile.py/a target="_blank">Formatting &<br>Special chars</a>

We consider the bioelectromagnetic inverse problem, in the case that one has a priori information about the generating sources. This problem is ill posed, so that additional input must be used before any inverse can be constructed. We consider two approaches to this problem: maximum-likelihood estimation as well as minimum norm estimation. We show how to make use of a priori information, if it is available. We argue that the minimum norm solution is a valuable approach to this problem.

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No

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**Primary authors:** Mr NGOMANE, Alex Otavia (University of Venda); Dr MALUTA, Eric (University of Venda); Prof. DE MELLO KOCH, Robert (University of the Witwatersrand)

**Presenters:** Mr NGOMANE, Alex Otavia (University of Venda); Dr MALUTA, Eric (University of Venda); Prof. DE MELLO KOCH, Robert (University of the Witwatersrand)

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