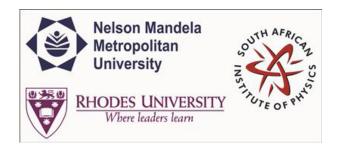Contribution ID: **458**   Type: **Oral Presentation**

NON-SPECIALIST LECTURE: Accelerating light

Wednesday, 1 July 2015 11:30 (40 minutes)

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

In this non-specialist talk I will outline how to make light accelerate as it propagates. Using digital holograms to create and propagate structured light fields, I will illustrate linear acceleration with Airy beams and angular acceleration with vortex beams.

Apply to be\<br\> considered for a student \<br\> \ award (Yes / No)?

No

Level for award\<br\>\ (Hons, MSc, \<br\> \ PhD, N/A)?

N/A

Would you like to \<br\> submit a short paper \<br\> for the Conference \<br\> Proceedings (Yes / No)?

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Yes

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