**Carotenoid Conference Abstract: Format Guide (Centered, 14pt, Bold)**

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| **Fig. 1**. Absorption (a), the first (b) and second (c) derivatives (broken lines) and Stark (d) (circles) spectra of LH3 from *Phs. molischianum* DSM120 in PVA film at 80K. Result of spectral fitting using (a)-(c) is shown in solid line. |

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| **Table1**. Nonlinear optical parameters thus determined for LH3 and LH2 |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  | LH3 | | | LH2 | | | |  | A /10-18 | Tr(*Δα*) [Å3/f2] | |*Δμ*| [D/f] | A /10-18 | Tr(*Δα*) [Å3/f2] | |*Δμ*| [D/f] | | g1 | 77.1 | 127 | 5.0 | 20.1 | 482 | 3.4 | | g2 | -2.03 | 108 | - | -3.26 | 1001 | - | | g3 | 1.47 | -4.2 | 6.0 | 0.327 | -60 | 6.9 | |

**References**

[1]

[2]

[3]