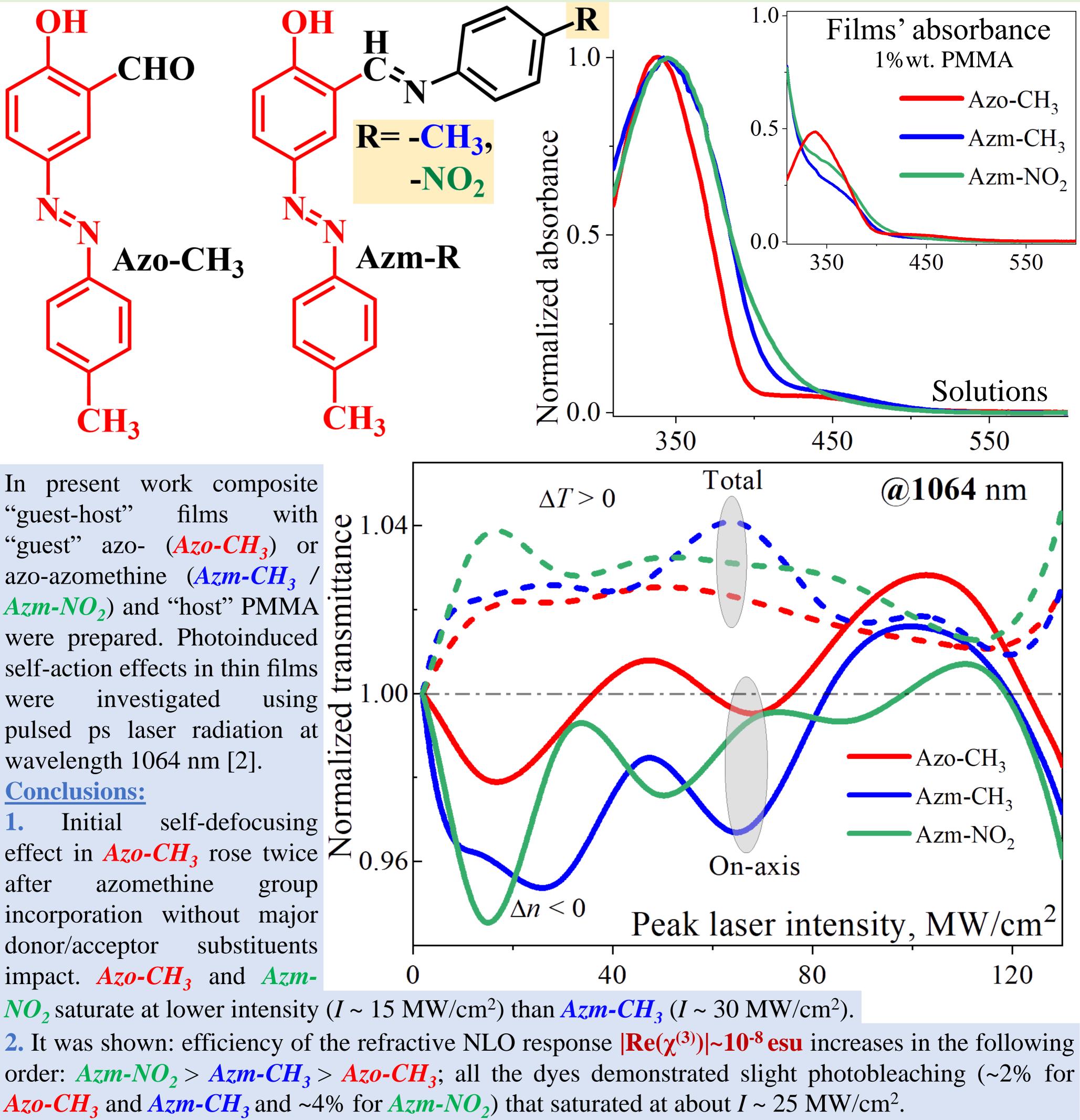


Effect of -CH₃/-NO₂ substitution on the self-action in azo- and azo-azomethines derivatives polymeric thin films under picosecond laser excitation at 1064 nm

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Advanced light-responsive polymeric materials containing -A=B- chromophore groups undergo reversible *trans-cis-trans* photo-isomerization cycle, like -N=N- or -CH=N-, are used in a number of modern electronic photoswitchable systems like sensors, liquid crystal displays [1], elements of optical information storage devices, etc.



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