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Hole injection dynamics from two structurally related Ru-bipyridine complexes into NiO_x is determined by the substitution pattern of the ligands

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Ru1 in ACN

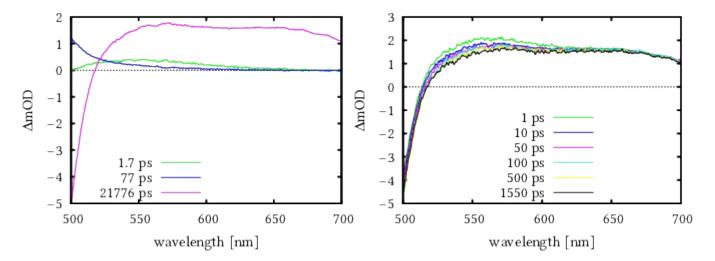


Figure: DAS of Ru1 in ACN

Figure: transient absorption spectra of Ru1 in ACN

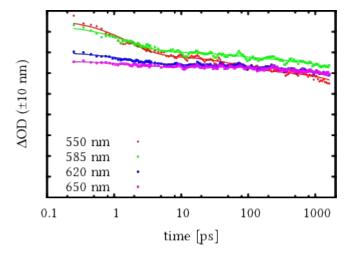


Figure: Kinetic traces at selected wavelengths of Ru1 in ACN

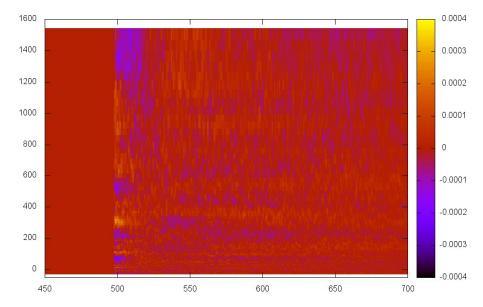


Figure: Residuals after fitting the transient absorption data of Ru1 in ACN with a multi-exponential function

Ru1 on NiO

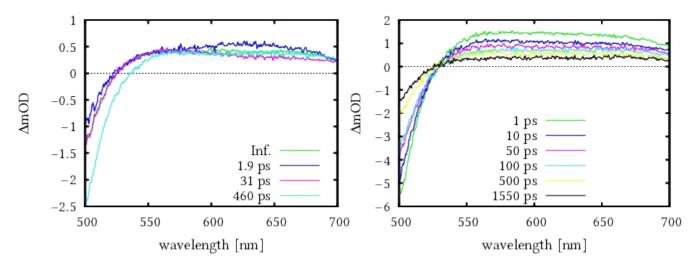


Figure: DAS of Ru1 on NiO

Figure: transient absorption spectra of Ru1 on NiO

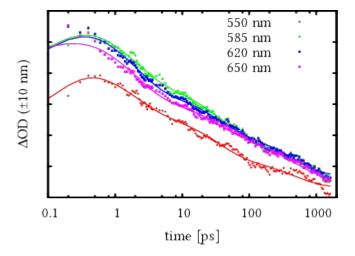


Figure: Kinetic traces at selected wavelengths of Ru1 on NiO

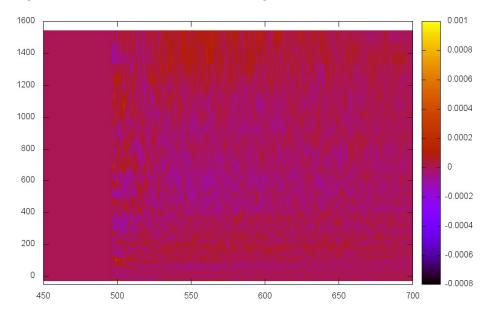


Figure: Residuals after fitting the transient absorption data of **Ru1** on NiO with a multi-exponential function

Ru2 in ACN

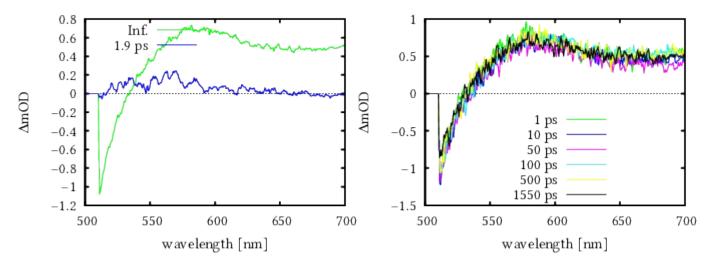


Figure: DAS of Ru2 in ACN

Figure: transient absorption spectra of Ru2 in ACN

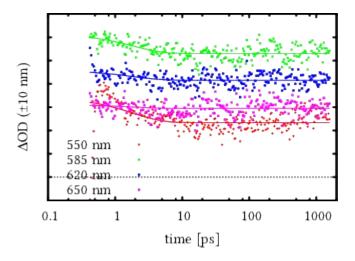


Figure: Kinetic traces at selected wavelengths of Ru2 in ACN

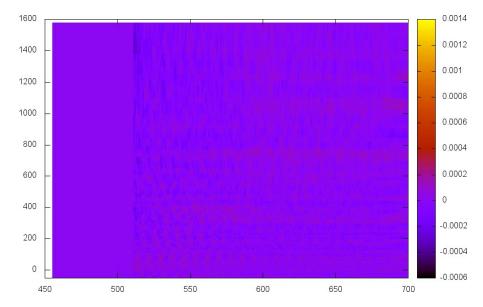


Figure: Residuals after fitting the transient absorption data of Ru2 in ACN with a multi-exponential function

Ru2 on NiO

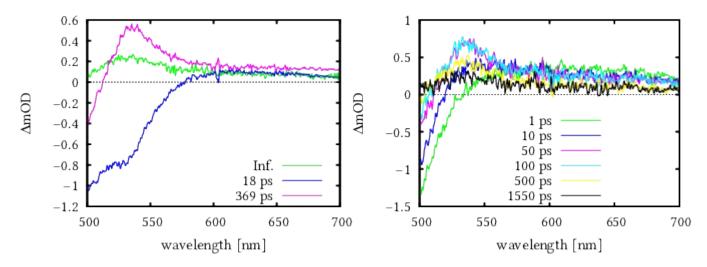


Figure: DAS of Ru2 on NiO

Figure: transient absorption spectra of Ru2 on NiO

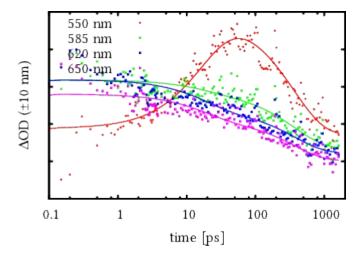


Figure: Kinetic traces at selected wavelengths of Ru2 on NiO

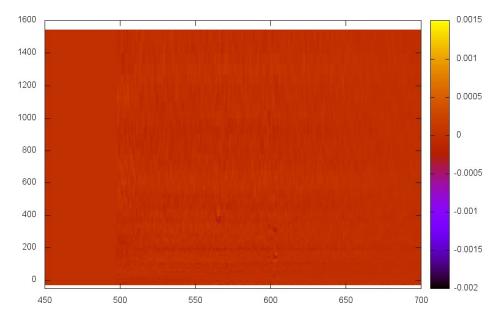


Figure: Residuals after fitting the transient absorption data of Ru2 on NiO with a multi-exponential function