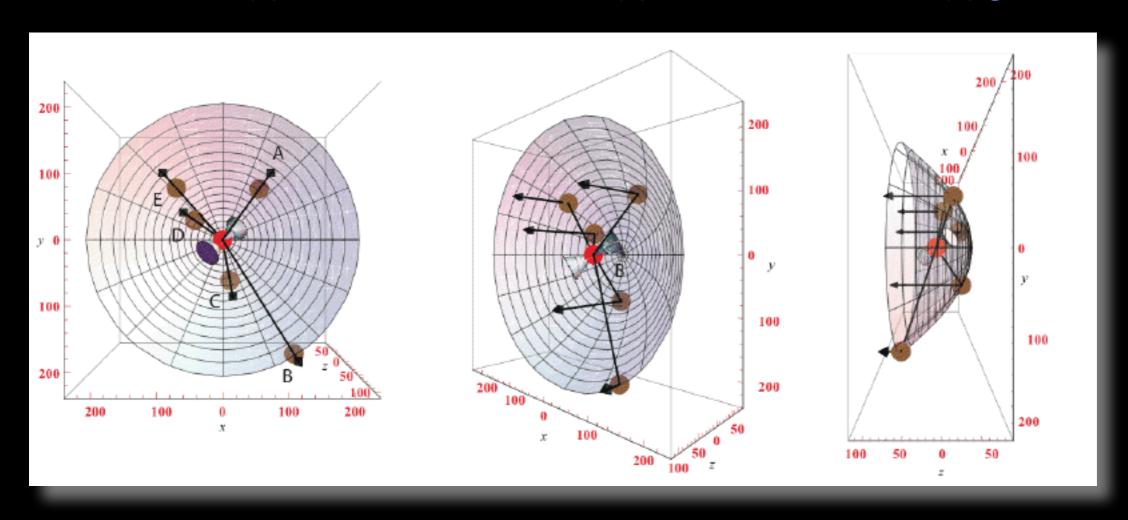
## sneak peak: 3D spectroscopy and



## 4D spectroscopy: spectral time series from all viewing angles

light echoes of N-Carinae

federica b. bianco

## thank you!

## light echoes of \(\Partial\)-Carinae

Armin Rest, STScI

J. L. Prieto, Carnegie Observatories

N. R. Walborn, STScI

H. E. Bond, STScI

N. Smith, Steward Observatory

R. Chornock, Harvard-Smithsonian CfA

R. J. Foley, Harvard-Smithsonian CfA

W. Fong, Harvard-Smithsonian CfA

D. L. Welch, McMaster University

B. Sinnott, McMaster University

M. E. Huber, Johns Hopkins University

D.A. Howell, UCSB/LCOGT

R. C. Smith, CTIO

I. Toledo, ALMA

D. Minniti, Pontifica Universidad

Catolica

K. Mandel, Imperial College

E. Hsiao, LCO