

JAMES R. NEFF LECTURE SERIES

October 11 at 4:30 pm

103 Cardwell Hall or Streaming

<https://bit.ly/3vfzwAT> for Mediasite video stream or more info

Refreshments at 4 pm in 119 Cardwell



FREDERICK LAMB

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65 YEARS AFTER SPUTNIK: A CRITICAL JUNCTURE IN HUMANITY'S USE OF SPACE

Near-Earth space has become increasingly valuable and its use has grown enormously in recent years. This is having a dramatic impact on the space environment, which is very vulnerable and can easily be ruined by irresponsible behavior or a small number of destructive actions or events. Orbits are becoming more crowded. Satellite collisions and attacks on satellites are dangerously increasing space debris. Unless we manage the threats posed by crowding, orbiting debris, and deliberate destructive actions, humanity will lose the use of space. I discuss approaches that would preserve our ability to use it.