Wherein Kalidasa demonstrates his knowledge of modern theories ...

This is the opening invokation नान्दि in the famous drama S'akuntalam.

या सृष्टिः स्रष्टुराद्या वहतिविधिहुतं

या हविर्या च होत्री ।

ये द्वे कालं विधत्तः श्रुतिविषयगुणा

या स्थिता व्याप्य विष्वम् ॥

यामाहुः सर्वबीजप्रकृतिरितियया

प्राणिनः प्राणवन्तः ।

प्रत्यक्षाभिः प्रपन्नस्तनुभिरवतुवस्

ताभिरष्टाभिरीशः ॥

श्रुतिविषयगुणा या स्थिता व्याप्य विष्वम् clearly shows knowledge of an all pervading medium for the propagation of sound. More generally it could mean the universal medium for signals to propagate. Ether is considered an obsolete concept now, but circa year 2k, there is a revival of this under the name *quintessence*.

Finally, the reference to the Eightfold Way of manifestation of the Lord, ताभिरष्टाभिरीशः should ring a bell for High Energy Physicists.