

Title: The Florentine Heretic? Galileo, the church and the cosmos

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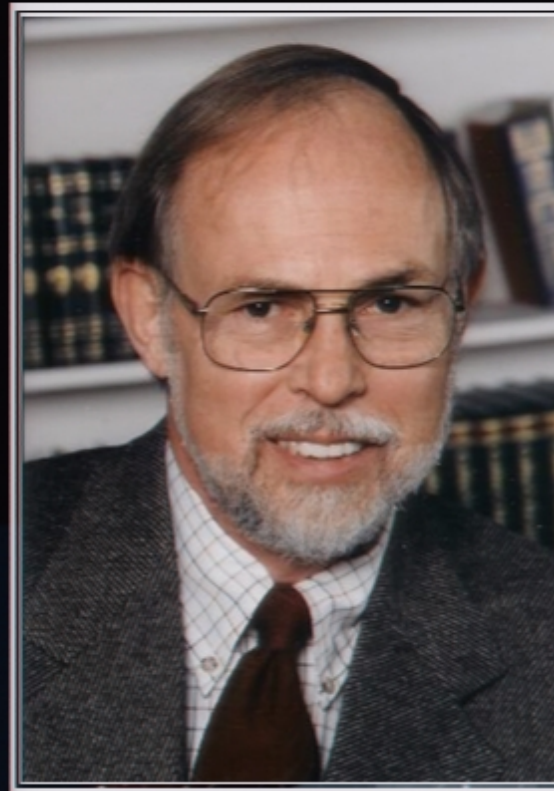
Abstract: Galileo's campaign on behalf of the modern view of the solar system is one of the most dramatic events in the history of relations between Christianity and science – endlessly portrayed as a battle between theological interests and scientific freedom. But this traditional story is filled with factual errors. And when human fears, rivalries, revenge and the like are taken into account, the story takes on an altogether different cast. In Professor Lindberg's retelling, the ideological side of the story will be balanced with its richness as a human event. <kw>Florentine Heretic, Galileo, church, cosmos, religion, science, theology, geocentric, heliocentric, astronomy </kw>

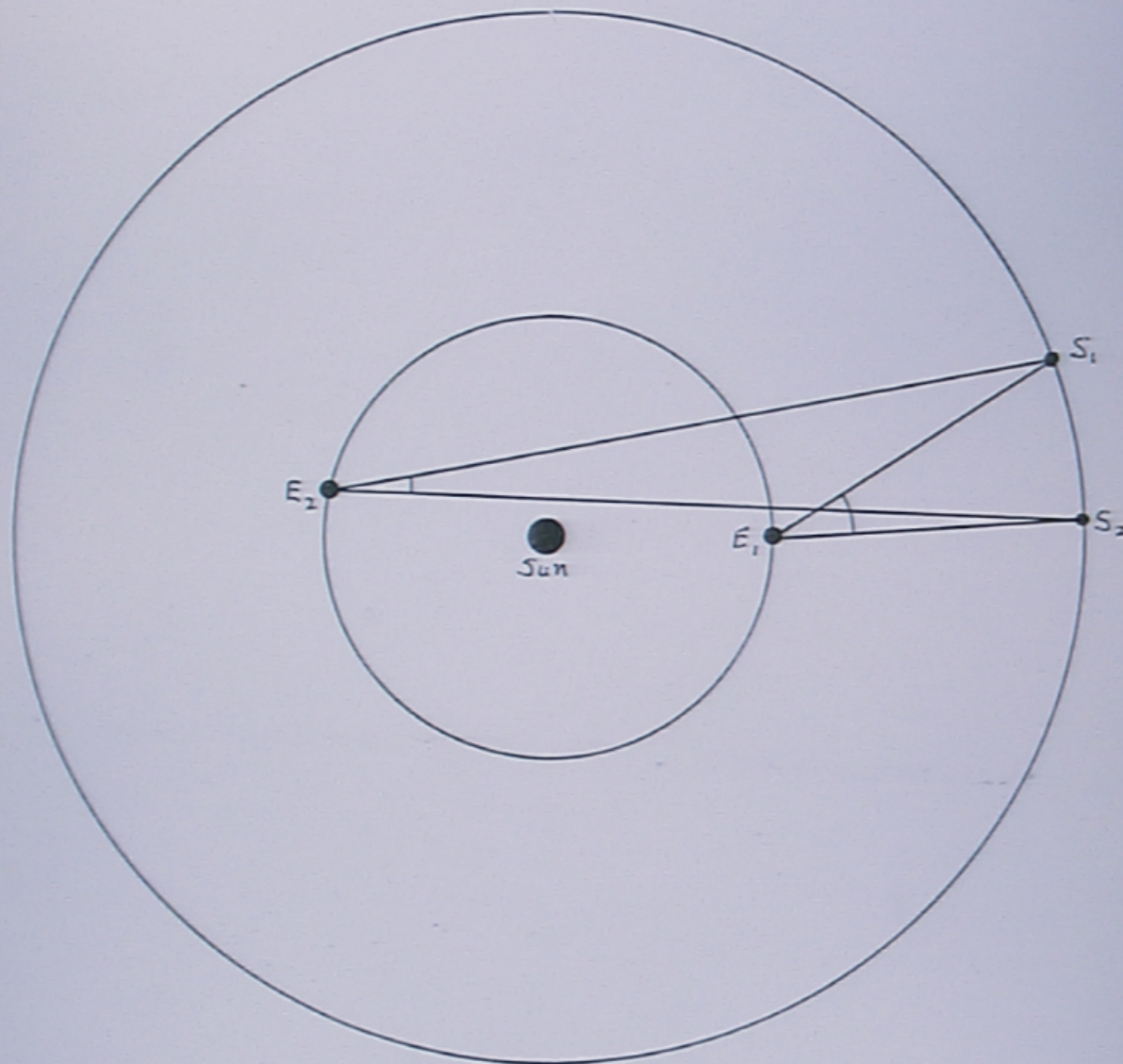
David C. Lindberg

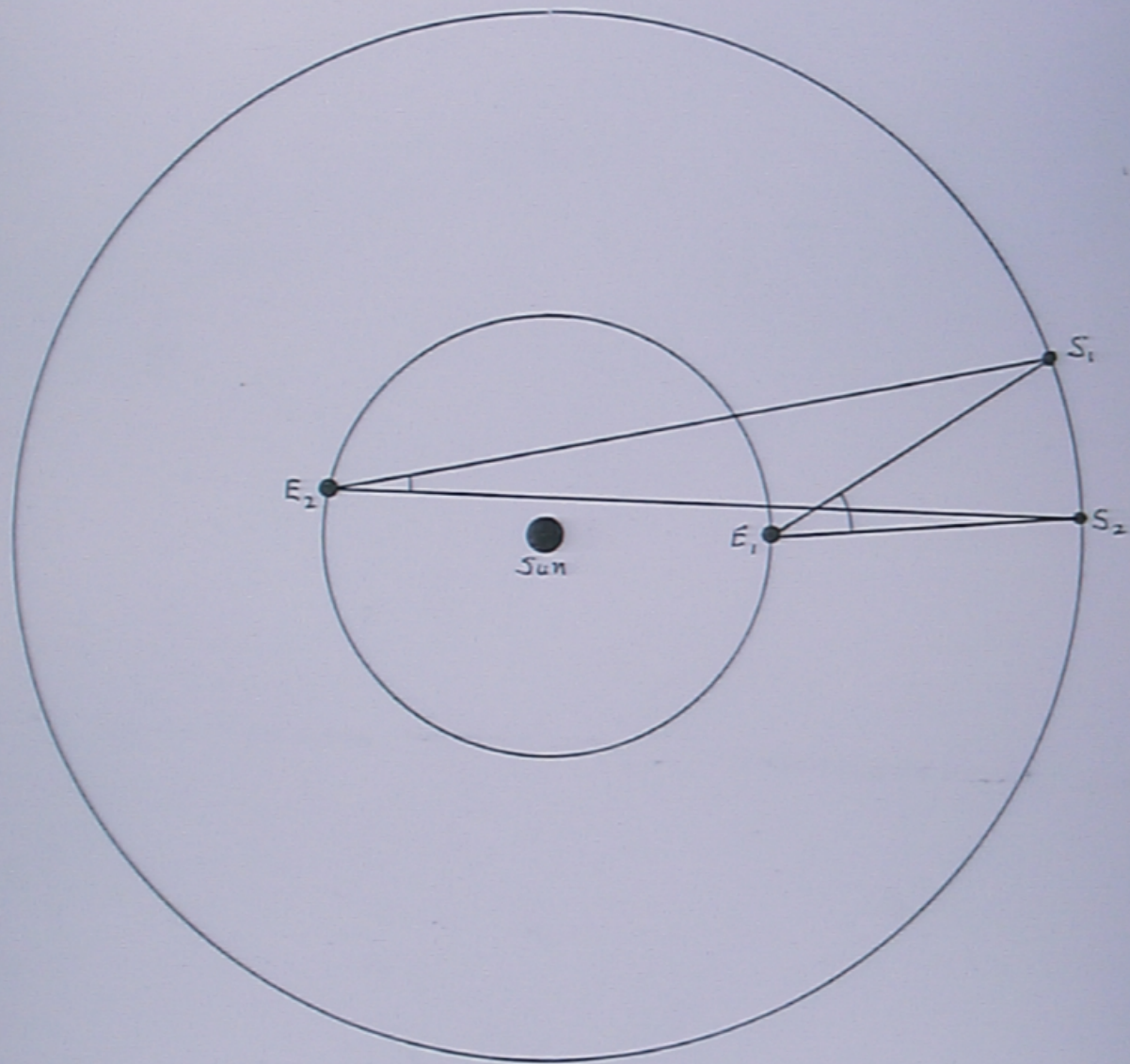
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GEOCENTRIC PASSAGES IN THE BIBLE

Joshua 10:12-13: "Then spoke Joshua to the Lord in the day when the Lord gave the Amorites over to the men of Israel; and he said in the sight of Israel, 'Sun, stand thou still at Gibeon, and thou Moon in the valley of Aijalon.' And the sun stood still, and the moon stayed, until the nation took vengeance on their enemies."

Ecclesiastes 1:5: "The sun rises and sets and hastens to the place of its rising."

Psalms 104:5: "Thou didst set the earth on its foundations, so that it should never be shaken."

GALILEO'S STATEMENT AT HIS TRIAL

"It occurred to me to reread my...Dialogue, which I had not seen for three years, in order...to ascertain whether, contrary to my most sincere intention, there had inadvertently fallen from my pen anything from which a reader...might infer...some sign of disobedience on my part.... I was able to obtain a copy of my book.... And, because I had not seen it for so long, it seemed to me like a new writing and by another author. I freely confess that it seemed to me composed in such a way that a reader ignorant of my real purpose might have reason to think that the arguments presented for the false side, which I really intended to refute, were expressed in such a way as to...compel conviction...rather than to be easily refuted."

GALILEO'S RECANTATION

"Before the decision of the Holy Congregation of the Index,...I was indifferent and regarded both opinions...as open to discussion...; but after the said decision,...I ceased to have any doubt; and I held, as I still hold,...the opinion of Ptolemy, that is to say, the fixity of the earth and the motion of the sun."

	THEOLOGY	SC
TRADITIONAL	BIBLE INTERPRETED LITERALLY AND ACCORDING TO CHURCH TRADITION	GE CO
PROGRESSIVE or LIBERAL	NON-LITERAL AND NON- TRADITIONAL INTERPRETATION OF THE BIBLE PERMITTED	HE CO

	THEOLOGY	SCIENCE
AL	BIBLE INTERPRETED LITERALLY AND ACCORDING TO CHURCH TRADITION	GEOCENTRIC COSMOLOGY
VE	NON-LITERAL AND NON- TRADITIONAL INTERPRETATION OF THE BIBLE PERMITTED	HELIOCENTRIC COSMOLOGY