

Selective human mobility of these and other types of low-energy excitations (such as ripplons, phonons, magnons, polarons) can... thermonuclear fusion or incinerate the solar system and beyond. Bunyan, a minor genius in mathematics, devoted a small part of his work on the diffusion of fluids to a mathematical proof of the existence of the Earth. The list of works attributed to John Bunyan can be found in the bibliography. Bunyan was the author of the most popular English account of a pilgrimage, *The Pilgrim's Progress*. John Bunyan was born in 1628 at Elstow, Bedfordshire, England and died in 1688 in Bedfordshire. He studied at the London Law College in 1647 and was called to the bar in 1649. In 1652 he was appointed a justice of the peace in Bedfordshire and later became a gentleman of the privy chamber. He was elected to the House of Commons in 1661 and in 1668 became the Member of Parliament for Bedford. In 1668 Bunyan was appointed Master of the Court of the Bishop of Lincoln, and two years later was made an Associate Justice of the King's Bench. He then became an alderman of the city of London in 1675 and was made constable of the city in 1678. Bunyan was dismissed from his office of Master of the Court of the Bishop of Lincoln in 1676. At the accession of James II in 1685 Bunyan was appointed deputy lord lieutenant of Bedfordshire. On June 8, 1688, after the arrest of John and Henry Lilburne, Bunyan was imprisoned in the Tower of London and later confined to the Gate House prison. In 1697 he was confined to an iron collar and chain for a month in prison for improper conduct in the King's Bench. In 1698 Bunyan was arrested and imprisoned for debt in the Fleet Prison. Bunyan was released in 1710, but in August of that year he was committed to Bedford Gaol for writing blasphemous papers against King William of Orange and Queen Mary. In 1713 the charge was dismissed and Bunyan was released. Bunyan regained his liberty in 1717. In 1724 Bunyan was admitted to the Order of the Garter. In 1727 he was elected to Parliament for Bedford, and in 1734 he was appointed Recorder of Bedford. After Bunyan's death in 1688 there was no more: Bunyan's last words to his friends after the painful and prolonged



