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Peter Buneman is Professor of Database Systems in the School of Informatics at the University of Edinburgh. His work in computer science has focused mainly on databases and programming languages, specifically: active databases, database semantics, approximate information, query languages, types for databases, data integration, bioinformatics and semistructured data - an area in which he has co-authored a book. He has recently worked on issues associated with scientific databases such as data provenance, archiving and annotation. He has served on numerous programme committees, editorial boards and working groups, and has been programme chair for ACM SIGMOD, ACM PODS, VLDB and ICDT. He is a fellow of the Royal Society of Edinburgh, a fellow of the ACM and the recipient of a Royal Society Wolfson Merit Award. He is research director of the UK Digital Curation Centre.

Before joining the University of Edinburgh, Peter Buneman was a Professor at the Department of Computer and Information Science at the University of Pennsylvania. He received his undergraduate degree from Cambridge University, his graduate degree from the University of Warwick, and he did postdoctoral work at the University of Edinburgh. He has held visiting positions at the University of Glasgow, Imperial College, Kyoto University, INRIA and Auckland University. In addition to computer science he has made contributions to graph theory and to the mathematics of phylogeny.