

FEDERATED DATABASE, MICHAEL BRADY, image formation, UK, epidemiological studies, mammograms, images, database, robust software systems, interesting, United States, cancer, medical image analysis, MIA, mammogram, breast cancer, data mining, applications, patient data, knowledge services, development, medical technologies, hospital information systems, quantitative analysis, image processing, Healthcare Informatics, cervical cancer, decision support systems, grid applications, brain tumour, healthcare, technical information, image compression, medical images, United Kingdom, Grid Computing, electronic medical records, database consistency, Oxford, United Kingdom, information technology, European Community, image segmentation, erroneous results, segmentation algorithms, automatic exposure control, Advanced Knowledge Technologies, UK Inter-disciplinary Research Consortium, Triple Assessment, medical application, secure storage, storage space requirements, Grid technology, demographic data, federated databases, benefit, Medical Research Council, Derek Hill, representation, University College, London, image analysis, Grid services, initial focus, David Hawkes, Open Grid Services Architecture, Imperial College of Science, Technology and Medicine, Anne Trefethen, Engineering and Physical Sciences Research Council, data fusion

eDiaMoND: A grid-enabled federated database of annotated mammograms