The context for construction informatics research is changing in line with technological developments, changing industry needs, and global challenges. The global energy crisis has also necessitated a greater focus on energy efficiency in buildings, which has introduced new challenges for the role of construction informatics. At the same time, the healthcare sector has also adopted informatics in response to increased pressure to be more cost-effective. Attention is now being directed at the ‘environment of care’ (the healthcare facilities) and the role that informatics can play in improving the healthcare delivery process. Drawing on examples from ongoing research projects, this lecture will discuss how research in construction informatics is tackling these new challenges and opportunities.