The aging of the population and declining birth rates are common challenges in advanced countries, and there is a great deal of interest in the sustainability of care resources as a result. Caregiving has been considered an essential area that requires human involvement, not only as a means of instrumental support but also for emotional support. However, the recent development of Geron-technology, including robot technology, is making it possible to the burden and improve the efficiency of the human caregiver, and to improve the independence of the elderly. This symposium aims to provide examples of the practical use of technology in long-term care settings, its acceptability, and further development through user involvement, after overviewing the past development of Geron-technology and its expected economic effects. This will enable participants to understand the future direction of Geron-technology's development.