

Parviz Rahimi obtained his PhD in Chemistry from the University of Alberta in 1980 and joined Natural Resources Canada in 1981. Currently he is working as senior research scientist in the primary upgrading division of the CanmetENERGY in Devon, Alberta, Canada.

His expertise in bitumen chemistry extends beyond molecular characterization into upgrading processes including field upgrading. He has extensive knowledge of partial upgrading either using thermal conversion such as visbreaking or partial deasphalting for the purpose of reducing the required diluent for pipeline transportation. He has established an expert team to address the stability and compatibility issues related to partially upgraded bitumen and heavy oils as well as during production and upgrading. His recently research activities include fouling and corrosion related to bitumen processing. He has established networking research into understanding bitumen/heavy oil processing with Universities, Government departments and private research organizations as well as major oil companies.