

Editors' Remarks

All the World's a Stage

by William Shakespeare

All the world's a stage,
And all the men and women merely players;
They have their exits and their entrances,
And one man in his time plays many parts,
His acts being seven ages. At first, the infant,
Mewling and puking in the nurse's arms.

Then the whining schoolboy, with his satchel
And shining morning face, creeping like snail
Unwillingly to school. And then the lover,
Sighing like furnace, with a woeful ballad
Made to his mistress' eyebrow. Then a soldier,
Full of strange oaths and bearded like the pard,

Jealous in honor, sudden and quick in quarrel,
Seeking the bubble reputation
Even in the cannon's mouth. And then the justice,
In fair round belly with good capon lined,
With eyes severe and beard of formal cut,
Full of wise saws and modern instances;

And so he plays his part. The sixth age shifts
Into the lean and slippered pantaloon,
With spectacles on nose and pouch on side;
His youthful hose, well saved, a world too wide
For his shrunk shank, and his big manly voice,

Turning again toward childish treble, pipes
And whistles in his sound. Last scene of all,
That ends this strange eventful history,
Is second childishness and mere oblivion,
Sans teeth, sans eyes, sans taste, sans everything.

William Shakespeare (1564-1616) *

* **William Shakespeare**, 26 April 1564 - 23 April 1616 / Warwickshire, an English poet and playwright, widely regarded as the greatest writer in the English language and the world's pre-eminent dramatist. He is often called England's national poet and the "Bard of Avon". His surviving works, including some collaborations, consist of about 38 plays, 154 sonnets, two long narrative poems, and several other poems. His plays have been translated into every major living language and are performed more often than those of any other playwright.

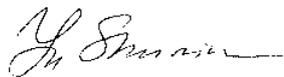
Modern technology requires educated work force and hence imperative for educated population. The needs of new emerging technologies and a beneficial state of society are compatible in this case. There is no monolithic thing called technology. Rather there are various technologies, which converge or compete to fit into what can be called an ecosystem of technological and societal arrangements. Societal and technological arrangements co-evolve. This co-evolution happens most favourably in an educated, intellectual, and affluent society that is tolerant of change and divergent views. By fostering an educated, intellectual society, it creates conditions that foster responsible moral and social behaviour of the individual and contributes to shaping intellectual humankind.

The map of the globe does not show a place called Technoworld, yet in many ways we are already its citizens and consumers. Moreover, as consumers, our lives and behaviours are strongly influenced and shaped by an ever-increasing system of modern technology, transcending national boundaries to create a vast technological synergy grounded in complex applications in industrial production, logistics, electronic communications, agribusiness, medicine, and science. We begin to realise that, like it or not, we have become a part of technoculture. The industrialized world has developed into a production and consumption global community with a highly advanced level of technologies. This process has led to markedly increased demands for a standard of living and consumption.

This 18th volume No.1 presents actual papers on main topics of Journal specialization, namely, Operation Research and Decision Making, Information and Computer Technologies, Mathematical and Computer Modelling, Nanoscience and Nanotechnologies.

Our journal policy is directed on the fundamental and applied sciences researches, which are the basement of a full-scale modelling in practice. This edition is the continuation of our publishing activities. We hope our journal will be interesting for research community, and we are open for collaboration both in research and publishing. We hope that Journal's contributors will consider the collaboration with the Editorial Board as useful and constructive.

EDITORS



Yuri Shunin



Igor Kabashkin