

With 8 billion intelligences, humanity has never been so rich!

The Space Renaissance Manifesto⁽¹⁾:

***Real wealth is not found in money, but in new technologies,
new solutions and the potential for work***

***With almost 8 billion intelligences, humanity has never been
so rich!***



(1) http://spacerenaissance.space/wp-content/uploads/2012/07/The_Space_Renaissance_Manifesto.pdf

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Evolution of evolutionary factors

• Evolution of a cultural species:

- the main evolutionary factor is not physical strength
- It is intelligence
 - Losing 30% or more humans would mean to lose many precious intelligent, yet physically weak, people
 - We need to conserve our whole human patrimony, the intellectual and social platform necessary to step to the stars



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The value of human patrimony

- An awful malthusian concept, that should never be pronounced: overpopulation
- However, demographic growth is considered a big problem
- And nobody dares to discuss demographic growth
- We not only refute the concept of overpopulation
- The global multi-crisis is due to our growth in a philosophically closed system, not to the growth in itself
- We dare to constitute the true positive rationale of human growth:
- We are going now to enumerate a good number of humanist concepts,
- to demonstrate that It's very much better to have many growing brave and young people than a few discouraged old people



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The core of Cosmic Humanism

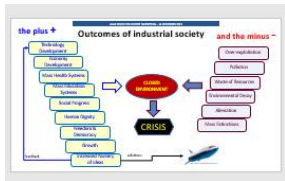
- **Salvation will be for everybody, or it will not be!**
- **Compassion and Inclusion => Great Maximum Utility**
 - Offering opportunities of social growth is key
 - Helping poors to become wealthy is a key economy booster
- **Social growth needs space, resources and energy**
- Space, resources and energy are plenty available beyond the limits of our mother planet



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The outcomes of industrial society

- The benefits: progress
- The minus: over-exploitation, pollution, etc...
- Concurrence of the two tendencies in a closed system -> global crisis
- Nursery of ideas, and the new idealist entrepreneurs class -> solutions



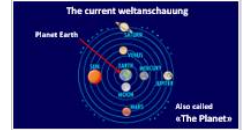
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The Sustainable Social Inclusivity



- In its 3rd world congress, Space Renaissance discussed a key criterion to evaluate the maturity of a civilization, to be added to the Kardashev's criteria: **100% social inclusiveness**
- to ensure equal opportunities to all of its members.
- This development must be sustainable from all points of view: economic, social, environmental
- It is now clear that sustainable development is possible:
 - only in outer space
 - using extraterrestrial resources
 - leaving the human community free to expand, grow and multiply outside of our mother planet.
- Earthers can achieve a fully inclusive society only by expanding into outer space, using the resources and energy of the solar system
- Civilian space development is the achievable utopia of the 3rd millennium: Maslow's highest goals, available to everyone

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Earth is in space

- The current precopernican vision of the world considers our planet a different thing, closed and separated from the rest of the universe
- When they say «we don't have a planet B» they mean that we cannot migrate into space
- **We are still locked in impenetrable crystal balls,**
- The good news: **Earth is in space**, it is not different from the rest of the universe,
- we can *naturally* expand in the Solar System and beyond, with the help of our *natural* resources: curiosity, intelligence, science, technology
- We are immerse in a cosmic echology, nature is the same in the whole universe (Plato, Bruno, Kepler, ...)



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Freedom and future for all types and all



- The variety and diversity of human types is enormous, and growing.
- Every human type, or every person, is characterized by personal inclinations, dreams, tendencies and projects
- To ensure freedom of existential choice, it is necessary to move towards the abundance of space and resources
- The “fair management of scarce resources” has always been a harbinger of authoritarianism and dictatorial bureaucracies,
- and tentatives to «simplify» the society, uniforming it to one only human type, neglecting the aims of the other ones
- Civil, free and democratic development requires great abundance of resources
- The ability to manage abundant resources is the real challenge of the future, in the solar (eco)system.

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A humanist utopia for the space age

- A space age humanist utopia must include the complete satisfaction of all the needs outlined in Maslow's pyramid,
- everyone must have the opportunity to become wealthy, without this involving, ever again, theft, murder, exploitation, coercion, suppression of the rights of others...
- And all this for a virtually unlimited number of humans:

**from each one according to their creativity and availability
to each one according to their desires and capacity of imagination
or: man does not live by bread alone**

THE SUPERFLUOUS IS INDISPENSABLE!

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The First Great Crisis: 1st step of industrialization of life

- One particular one-cell organism, **the photoautotroph**, evolved an enzyme that was capable of utilizing **solar energy** to produce chemicals that stored energy.
- Something terrible happened: **as in every industrial process, there was pollution**: oxygen, product of photosynthesis. The first Earth environment was destroyed.
- Living matter responded negentropically, choosing to leap boldly over the existing limits in interacting with primordial resources by means of a growth thrust, utilizing higher technology.
- **The natural history tells a struggle of life for freedom**, to get free from entropy and from the ferocious laws of the jungle.



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Other intermediate steps of liberation

- With a few exceptions, after exiting the sea, **animals remained crawling**.
 - Their bodies were in close contact with the ground, resulting in extensive heat exchange.
 - Hence, their blood temperature followed, and today still follows, that of ground temperature.
- **The development of mammals**, the most versatile and perfect land animal, was a brilliant biotechnical achievement.
 - Divorcing the body from the ground by means of legs freed the body from slavishly following the temperature cycle of the soil, permitted the development of insulating furs, and allowed the maintenance of a fairly constant temperature.
 - Now it was no longer necessary to lay eggs and depend on the sun for hatching.
 - Therewith, life became almost independent of climatic conditions.
 - The conquest of the land could be completed.
- Also, the lower atmosphere could be occupied in time by follow-on developments of the reptiles, which showed a better growth potential for this environment than mammals.



Ehricke, Krafft A. "The Anthropology of Astronautics", 1957

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The Second Great Crisis



- We are now **facing the second big crisis**.
- We don't want to destroy the 2nd Earth, while building the 3rd one.
- The womb metaphor: the child who was at first parasitical in the body of the mother later on becomes the protector of the mother.
- We have the power to help only because we are (technologically) emancipated.
- And we have to continue to emancipate ourselves, because **we are children of the biosphere; we are not pets of the biosphere**.
- Becoming progressively less parasitic and progressively more in control of ourselves, production, resources, independent of Earth's biospheric womb — in short, **emancipation from planetogenic to cosmogenic state**.
- **There is a "ninth month"**. And if that ninth month is not adhered to, both the embryo and the mother body are destroyed.
- Today this means that if 7 or 8 billion people fall back on a life-style of an embryonic mankind, it will destroy mankind by billions, and it will devastate the entire biosphere.
- This is what – in the Theses of the 3rd SRI World Congress – we called **risk of civilization implosion**.

Ehricke, Krafft A. "The Extraterrestrial Imperative, Why Mankind Must Colonize Space", 1981

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The Three Fundamental Laws of Astronautics

First Law

Nobody and nothing under the natural laws of this universe impose any limitations on man except man himself.

Second Law

Not only the Earth, but the entire Solar system, and as much of the universe as he can reach under the laws of nature, are man's rightful field of activity.

Third Law

By expanding through the Universe, man fulfills his destiny as an element of life, endowed with the power of reason and the wisdom of the moral law within himself.

Krafft A. Ehricke

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Purpose of philosophy: the way out

“The world is in crisis, political crisis, pandemic crisis, climate crisis, ...

music [philosophy] should show us a way out of our crises.

I am not looking for ways to reiterate my problems,

I am looking for solutions, ways to get out.”

Gordon Sumner (Sting), 2021

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