

## A list of claimed world premieres/priorities of Dr. Andrei-Lucian Drăgoi

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\*

[Andrei-Lucian Drăgoi](#)<sup>1,2</sup>

(MD pediatrician specialist with PhD in course, independent researcher and publisher, amateur composer)

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### MEDICINE (INCLUDING BIOLOGY AND THE PHILOSOPHY OF MEDICINE / BIOLOGY)

1. The first pediatric software of computerized medical diagnostic written in Romanian (a <<[symptom checker](#)>> named <<**EPed**>>, still in demo version and tested on children patients with infectious diseases), which is the first software of [pathophysiological](#) diagnosis worldwide (based on a new medical concept named <<cluster>>/<<pathophysiological macro-link>>): [1,2, 3].
2. The first 3 case-reports worldwide about the effects of the medical ionized water with superoxides called <<[Asea®](#)>> in [muscular Duchenne distrophy](#) of children: [4, 5, 6, 7, 8, 9].
3. A new *informational definition of life* (/ life forms / biological entities); [10].
4. A new *anti-abortion philosophy*: [11].
5. A new quantitative *philosophy of happiness*: [12].
6. A new concept of <<*intermitent free will*>>: [13]
7. A new concept of <<*hybrid causality, both vertical and horizontal*>>: [14]

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### MATHEMATICS

8. A vertical generalization of the famous [Goldbach's binary conjecture](#), a generalization named <<[VBGC](#)>>: [15, 16].
9. A new mathematical concept/notion named <<*infinity*>> (in contrast with the [mathematical infinity](#)): [17].
10. A new definition of the geometrical/mathematical point based on the [included middle logic](#) of the famous Romanian philosopher [Stefan Lupascu](#): [18].

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### PHYSICS

11. An alternative to Supersymmetry (<<[SUSY](#)>>) named <<[SUSYA](#)>> which contains a diophantine formula of all known rest masses of elementary particles (a [seesaw mechanism](#) applicable to all elementary particles): [19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29].
12. The concept of <<*vectorial energy*>>: [30].
13. A <<*black-hole-associated Casimir effect*>>: [31, 32].
14. A *transdisciplinary bio-info-digital universe model* (<<[BIDUM](#)>>) which also contains a generalized [included middle principle](#) of the famous Romanian philosopher [Stefan Lupascu](#): [33, 34].

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## MUSIC

- 15.** The 1st cycle of audio albums worldwide in which the music written by a human composer ([dr. Andrei-Lucian Drăgoi](#)) is almost integrally interpreted by a playback engine using [artificial intelligence](#) algorithms called [NotePerformer3](#):
- a. [\(1st audio album\) My Chamber Music - vol. I](#) ([Synapses](#))
  - b. [\(2nd audio album\) My Chamber Music - vol. II](#) ([Angelic and demonic](#))
  - c. [\(3rd audio album\) My Chamber Music -vol. III](#) ([The Botanical Garden](#))
  - d. [\(4th audio album\) My Symphonic Music -vol. I](#) ([The Escape from Myself](#))
  - e. [\(5th audio album\) My Piano Solo Music -volume I](#) ([A Musical Rainbow](#))
  - f. [\(6th audio album\) My Piano Solo Music -volume II](#) ([Love Stories and Other Wonders](#))
  - g. [\(7th audio album\) My Symphonic Music -vol. II](#) ([Musical Reveries](#))
  - h. [\(8th audio album\) My Symphonic Music -vol. III](#) ([Piano Concerto in C minor](#))
  - i. [\(9th audio album\) My Chamber Music -vol. IV](#) ([Effigies](#))
  - j. [\(10th audio album\) My Symphonic Music -vol. IV](#) ([Violin Concerto in E minor" - The Sad Seasons of Humankind](#))
- 16.** A new type of piano/harp [grand staff](#) for two hands, with bass F-clef replaced by [G-clef quindicesima bassa \(15mb\)](#): [\[35, 36\]](#).
- 17.** A [periodic musical staff](#) (PMS): [\[37\]](#).

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(2) **SUSYA in very short [from PSIJ] - 27.12.2020 - 8 A4 pages without references**: DOI: [10.13140/RG.2.2.31523.48163](https://doi.org/10.13140/RG.2.2.31523.48163). URLs: [URL1](#) (Research Gate source); [URL2](#) (Academia sources); [URL3](#) (GSJ source).

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