#### **Summaries**

#### Gregorio Martín Quetglas: Digitalization and Employment, the New Order

These thoughts about the employment market in a digitalized world give insights in the development and the elimination of jobs, for the changing world forms a new order where less and less jobs are created. Though the article mainly focuses on the Spanish market, it allows general lines between high-tech capitalism and employment to be drawn, with a new perspective on European politics.

#### Christof Ohm and Manfred Bürger: An Outlook on »Industry 4.0« and its Cybertariat

The transformation from automation to a fourth industrial revolution (industry 4.0) points at fully automatic >smart< factories. They will be supervised, repaired and re-programmed by qualified personnel acting locally but also remote, enabled via the >Internet of Things< to intervene in the machine systems. The article examines whether this new technical basis is »intelligent« and asks if their workforce, the cybertariat, receives additional productive potential (including options to use digital devices for political purposes or acts of sabotage). One way of building countervailing power is, as the authors suggest, to organize various »action-research-groups«; they could combine methods (like contradiction-oriented group interviews, anticipatory memory-work, and developmental work research) in order to create unionist counter concepts.

#### Niels Boeing: 3D-Printing - Computer-controlled Means of Production for All?

While the discourse around 3D-Printing is rather exaggerated, there is some revolutionary truth in it. The article evaluates the beginnings of the libertarian hacker-culture and how the Open Source movement may be looked at from a Marxist point of view. Though there is potential, the risks of computer-controlled low-cost production must be taken seriously. The question of property remains a general one with 3D-printing being one new aspect of it.

#### Welf Schröter: Robots - Assistance to Humanoids

When thinking about robots, we imagine stationary machines that perform controlled courses of motion. In contrast, humanoid robots are flexible, able to >learn< and are supposed to assist humans. In a sense, they are trained by humans. Transformations of previous industrial productions to the concept of >industry 4.0< challenges trade unions as immensely as the change of traditional workplaces towards a >work 4.0<.

## Dorte Marie Søndergaard: Our Technological Others – New Questions Raised, New Dilemmas Focused

What happens when robots enter our social lives? How will it change our attitudes towards material, intimacy and, after all, gender relations? By drawing on examples in the care sector and in computer games, the article opens up possible shifts in gender relations and in relations between humans and non-humans. It raises the question of new problems as well as subversive powers inherent in technological changes.

#### Kâmil Uludağ: Limits of Brain Research

This text critically describes current debates surrounding brain research, in particular on freedom-of-will and self-awareness. It also shows that promises and expectations are overstated as most of the brain research is on the molecular level and, for the near future, far from everyday applications and disease cures.

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#### Andreas Umgelter: Other people's meat

After scandals concerning organ transplantation the question of how organs become (scarce) commodities has been raised. This article traces back the beginnings of organ transplantation and links it to current discussions within the health care system. It questions current forms of >equal distribution< of organs and calls for a more political debate.

# Thomas Skou Grindstedt: Geography of High Frequency Trading – Algorithmic Capitalism and its Contradictory Elements

Conventional economics (in the name of the free market) value high frequency trading for creating a state of equilibrium and not triggering crises, while they dismiss the contradictions of space and time since the focus is only on milliseconds. In contrast, this article outlines the term algorithmic capitalism as a part of financial capital and in the interface between multiple spatio-temporalities, accelerating new contradictions.

#### Stephan Packard: Non fecit. The Producing Fan and His Commodity

Accompanying fan productions online, a small niche has developed in which producers distance themselves from all ownership of their products. These *non fecits* point to an underlying deepening of the contradictions between traditional markets controlled by scarcity and new attempts to create scarcity by controlling digital markets. Bound by the duplicity of visibility and invisibility intrinsic to the operation of media, that contradiction calls for exposure by a critical analysis of the current discourses of the media control.

#### Wolfgang Fritz Haug: Formation of Human Beings in Times of the Internet of Things

Starting point is the anthropological insight that the biological substratum of our species does not generate our historical human essence, which comes to our new born via postnatal humanisation. Assuming that, therefore, the formation of human beings (»Menschenbildung«) means more than enculturation and that, further more, it can been done only through an active appropriation of extant possibilities by the individuals themselves, we need to ask how this human formation is being revolutionized in the era of the »internet of things«, which operates as a veritable anthropological break, given its permanent virtual connectivity. The digital revolution could in principle create brilliant opportunities for qualified and creative work, but in fact, under the conditions of High-Tech Capitalism, it destroys innumerable jobs and life perspectives. The historical task of self-change while at the same time changing our circumstances requires a new pedagogy of resistance that counters the mute power of hightech-devices and neoliberal cost-benefit-calculations and strengthens self-determined forms of community.

#### Lucien Sève: Being Marxist

This autobiographical article shows the becoming [das Werden] and being of a Marxist. Looking back on his life, Sève argues that being a Communist is different from being a Marxist, but must be included in it. Besides passion and the will to change both oneself and the world around oneself, being Marxist requires constant learning and building of a Marxist culture.

Uwe Hirschfeld: Term and Meaning of the »Common Sense« in Antonio Gramsci's Work Based on a reconstruction of the term »common sense« in Gramsci's *Prison Notebooks*.

the article focuses on the meaning of the term in light of the development of a »philosophy of praxis«. The social ability of »common sense« to be able to >act< in contradictory relations and surroundings forms the basis of transforming praxis. This praxis includes further »coherence« in expanded self-socialization.

### Buchhandlungen, die das Argument-Verlagsprogramm führen

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## Frauenbuchläden, die das Argument-Frauenprogramm führen

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