

PERSON-FESTO

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Welcome to the eg&g Test. It's simple, like the Bob Stern Test ("Where's the front door?"), but more important. Go ahead and open up your current project. Here's the test:

Does your proposed space subjugate transgender and gender non-conforming (GNC) people? We'll be more specific:

How are your bathrooms planned? If the answer is one men's and one women's bathroom, you fail the test, meaning that your proposed space does indeed subjugate trans and GNC people. Extra points docked if you have urinals drawn into the men's, but not the women's, or if you have a baby changing station drawn into the women's, but not the men's. Don't even think about putting those symbols where 'female' is a stick figure with a circle skirt.

If this sounds harsh, consider first the struggles of being trans or GNC. Consider that gendered bathrooms are perhaps the foremost way that architecture and the built environment regularly inflict violence on trans and GNC bodies.

Bathrooms inflict gender in their stalls and signage. That the range of possible actions—directional door-opening, partitioned bowel-moving, mirror self-(dis)associating, general hygiene-doing, sudsy hand-wringing, paper towel basketball, etc—in gendered bathrooms is designed to be different conflates sex and gender. The two are not the same and neither is binary. Coercing people into spaces that negate their personhood is violence. Each "men" and "women" bathroom sign is a plaque honoring and perpetuating the erasure of trans, GNC, and intersex people. Each trip to relieve yourself as a trans or GNC person is a choice between the inward violence of denying yourself agency over gender identity and the external violence of being thought to be in the "wrong" bathroom.

Gendered bathrooms are manifestations of normative, patriarchal power structures that seek to subjugate trans and GNC people. They enforce "fundamental anxiety about gender ambiguity" that comes from "our cultural beliefs about the anchoring of social gender in our genitals and secondary sex characteristics." When architects design built spaces with gendered bathrooms, they reinforce

architecture's continued alliance with these power structures and cultural beliefs (see also: the canon).

The violence of gendering bodies extends in all directions, to everyone. People who binarily express gender, though their gender identities are predicated on the absence of other genders or no genders or multiple genders, experience this violence too. When we buy into "male" and "female," we limit the possibilities of our many selves, of multiplicitous personhood. G remembers an age at which they accompanied both parents to their respectively-perceived bathrooms, an age at which they were deemed agender, too young to be binarized. Both authors still see this today, children being socialized and gendered by the codes they learn from occupying bathrooms. These learned codes unrightfully inform our behaviors for our entire lives.

The message to Trump in our studios is that "We Won't Build Your Wall." When we fail the eg&g Test, we do build his walls, though different ones than you might be thinking. We build the literal walls between traditionally binarized and essentialized genders, walls that exclude people who transcend the binary/essentialized system, walls that the federal government seeks to reinforce by denying public school students the right to use the bathroom of their choice.

Even when you pass the eg&g Test, you build those walls every time you step comfortably into the studio bathrooms, not questioning what they mean for trans and GNC students who are deprived of the right to safely use the bathroom without fear of being surveilled, accosted, or otherwise have their gender and gender expression policed by their cisgender peers. (In case you haven't noticed, the only gender neutral bathrooms in the whole building are literally buried out of sight in the sub-basement (e.g., has seen a cockroach there) and off-limits to students on the third floor.) Yes, this happens; yes, this happens in our building; yes, you are absolutely complicit in this violence. To change this, take the following to heart: it is your job as architects to design and celebrate gender-neutral bathrooms, and it is your job as people to celebrate that menstruation, standing to pee, changing diapers, applying makeup, and anything else (that happens in the bathroom) has no gender. It is your job to change those damn stick figure signs. Be radically free of gender.

1. Gibson, James J. The Ecological Approach to Visual Perception. New York, NY: Psychology, 2015. Print.
2. Norman, Donald A. The Design of Everyday Things. London: MIT, 2013. Print.
3. Joel Sanders and Susan Stryker, "Stalled: Gender Neutral Public Bathrooms," South Atlantic Quarterly, October 2016.

ON THE THEORY OF SPACE BETWEEN HEIDEGGER AND CHINESE LANDSCAPE PAINTING

Ziyue Liu

In November 2011, Wang Shu was invited as the Kenzo Tange Chair Lecturer to give a talk at the Harvard Graduate School of Design. Titled 'Geometry and Narrative of Natural Form', the first half of the lecture was devoted to a lengthy discussion the relationship between traditional Chinese painting and guiding principles for Chinese space-making. Wang Shu's idea of space consists of a real part, and an imaginary part in which the real half plays the role of an objective reflection of the environment and the imaginary half is a subjective projection of the painter's inner experience. This dualistic division of subject and object relates closely to Heidegger's theory of space presented in *Building Dwelling Thinking*.

Heidegger's theory of space is directly linked to the convention of classical western philosophy. The dominant view of the world dictated by Plato's theory of form involves a two-world view in which the world of permanence perceived through

the mind is distinguished from the world of change perceived through the senses. The opposition of reality and appearance becomes the source of binaries, such as universal and particular, cause and effect, solid and void, presence and absence, mind and body. One of its most significant articulations is the duality of subject and object which has fueled the critical development of the theory of space. Heidegger proposes an alternative theory of space questioning the philosophical foundation of the dichotomy of subject and object. Following Kant, he embraces the role of space as an inner condition of experience, while, adding to this view, he suggests that space is defined by man's action of reaching out for things that exist in the objective world. On this account, space stops being a permanent entity that floats above all beings, and human inner experience is projected onto the objective world through practical means. Existence is attributed to interactive activity and empirical involvement with the objective world. Space is functional. He distinguishes between three types of spaces: world-space as the external objective space, regions as imposition of human inner conditions, and Dasein's spatiality which describes a mode of human existence through activity which mediates between the previous two types of space. Such view does not deny objectivity or subjectivity altogether, but provides a synthesis of the two instead. The function of thinking out spreads subjective consciousness. As we act, we become spatial.

In his *Four Key Terms in the History of Chinese Garden*, Prof. Stanislaus Fung explains contradictory views of the world between Western canon and classical Chinese philosophy. He demonstrates this contrast between a dualistic theory rooted in the Western ontology and the

THE UNTOUCHABLE TREES IN EASTERN TIBET

Thupten Wodzer

The steep slopes of Eastern Tibet were once largely forested with conifers. However, over 50 years of unsustainable logging dramatically decreased forest cover from 30% to 6.5%. Deforestation changes local hydrology and creates climatic fluctuations that increase runoff into the rivers and exacerbate flooding downstream. Consequently, the Chinese government had to institute a logging ban in 1998 following massive floods. While large logging was banned, small-scale logging continues at local levels to this day.

The villagers of Eastern Tibet fell trees for two reasons: for construction of traditional Tibetan houses and for traditional energy (fuelwood). Like in many cultures, owning a large house and a large stove has become status symbols among villagers. To secure the best wood for construction, the loggers high grade the remaining mature trees left over from earlier eras of deforestation. For firewood, they cut birch trees. As sun-loving pioneers, birches have grown into clear-cuts. With constant harvesting, the birch trees are being moved into a coppice system, which slows the forest's succession back towards its natural, conifer-dominant species mix.

A local environmental group dedicated to applying cultural practices to conserve forests in eastern Tibet, is applying the tsetar concept to trees to stop such logging practices. According to Buddhist codes of conduct, the most important principle is to refrain taking the lives of others. This code has been manifested by a popular Buddhist practice called *tsetar* in Tibetan, which means, "freeing captive lives." Freeing a captive life is considered to be the most compassionate deed for merit accumulation in Buddhism. Thus, Tibetans free yaks, sheep, and fish on special occasions. The lucky animals, which are marked as *tsetar*, become so "untouchable" that the owners would never consider butchering or selling them. Even yak thieves spare them. The group designed a tag called "green amulet" with *tsetar* mantra written on it. The amulet is a modification of the traditional red thread amulet for marking freed yaks and sheep. By tagging the trees with the amulet, the team liberated 10,000 trees in 2014.

In fall 2015, a member of the group enrolled in Yale School of Forestry and Environmental Studies, where he took courses on religion and ecology, which gave him an understanding of religious approaches to conservation. For his summer internship, he built on what has already started with a slightly different approach. From experience, the team has noticed that freeing trees in blanket fashion might become an obstacle for people's livelihood in the long run. Instead, *tsetar*-ing trees selectively in response to high grading allows the forests to become multifunctional; if a stand of a forest is serving an ecological,

single continuous worldview in classic Chinese thinking. Fung's point about classic Chinese worldview is explained through discussing the absence of binaries in the terminology of Chinese garden design. Since, in the context of classical Chinese philosophy, the world cannot be conceived as binaries, therefore, the 'world of truth' is absent, knowledge is not understood in terms of fixed ideals but as 'pattern and process in the world of flux and change, things and events are mutually shaping and being shaped'. This, however, does not exclude words of opposite meanings in the Chinese language. Because they exist in pairs, Chinese terms become plastic in their interpretation. In these terms, contradictory concepts are articulated reciprocally, such that one is becoming the other. Like classic Chinese worldview, these terms require incorporation of both sides of the concepts for proper interpretation.

Countering the participatory roles of opposing ideas, Wang Shu's subjective distance that separates the real and the imaginary part of the painting is a problematic consequence of self-reference. Elements in the painting operate on their own set of premises without establishing a clear sense of order. The white spaces between and around the two parts are physical barriers which do not participate in the conveying of meaning. The very top edge of the Hermetic Sages becomes essentially the same as the white space occupied by the inscription immediately to its right. They are both spoken of as generic sky due to a lack of reference to the rest of the painting. Alternatively, the space occupied by the inscription could be understood as part of a water system which is relatively inconspicuous in the composition. It is hinted first by the small pond right in front of

aesthetic or other important values, then that stand can be permanently protected by tagging with green amulets. On the other hand, villagers are allowed to collect firewood or necessary construction woods from untagged working forests.

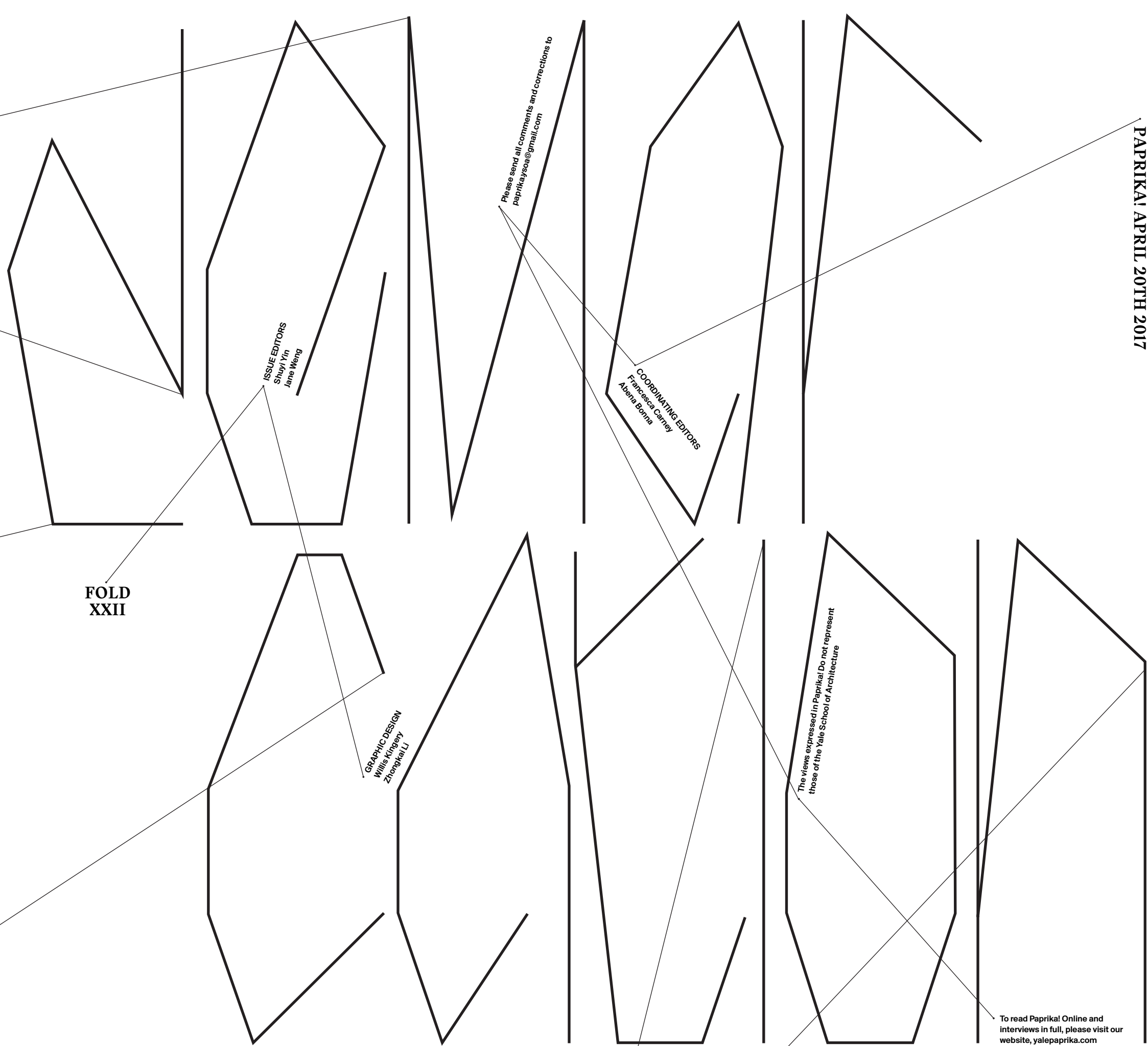
However, acknowledging that people need wood in their daily life does not mean people are endowed with the right to fell trees unsustainably. In order to halt such practices and restore the reverence that Tibetan people have had for nature at a landscape level, the group also worked with the forested communities to revive a unique Tibetan cultural practice, *labtse*. *Labtse* is an altar in which the area mountain gods reside. The mountain god is called *zhi dak*, which literally means, "the landlord." Tibetans believe that there is spirit in everything; the mountains have spirits, and so do the springs. Those spirits are socially connected to human communities. The human communities think of themselves as tenants, not the landlords. The trees and wild animals belong to the landlord spirit. Therefore, the communities are only allowed to use resources mindfully.

Tsetar and *labtse* have deep roots in Tibetan culture and so can be easily accepted by the people when they are being applied to forest conservation practices. The combination of these two approaches can protect forests at both coarse (landscape) and fine (stand) levels and helps keep a balance between the ecological and human needs. This dual-scale, religious approach avoids extreme policy measures such as forced relocation in the interest of conservation and allows time for the communities to understand the forest ecology from a scientific perspective. Once the communities are restored, with reverence for nature and a connection to landlord spirits, the group's next step to formally introduce silviculture, the practice of cultivation and management of trees, will be easy. At the mean while, this may also push the communities to redesign the houses and stoves more resource-efficiently.

Indigenous people and their beliefs have huge potential in conservation. The science community and indigenous communities need to work interdependently to conserve the limited natural resources. Conservation efforts that are divorced from local communities often fail around the world. The innovative blend of cultural and scientific practices can restore local people's cultural pride and sense of connection to the land. Thus, it encourages proactive engagement of the local communities in conservation. *Tsetar* and *labtse* may be uniquely Tibetan, but the concept of leveraging indigenous beliefs in nature can be replicated globally to balance local people's livelihoods and the environment.

the pavilion, extending next to a river suggested by a patch of coarse texture below the small low mountains located under the text, and finally reaching the sea represented by the blank surface above the low mountains. The subtle hint of water communicates between the contracted space in the foreground and the endless vast space beyond. Therefore, the termination of landscape is not at the steep mountains which is assumed by Wang Shu but at the infinite sea to its right. Or rather, there is no termination. Wang Shu's speculation would deny this possibility altogether, because the indifferent separation of the upper and low parts makes them inaccessible to each other such that the continuation of water system seems conceptually absurd.

Given the increasingly complex landscape of scholarship across many disciplines and cultural context, it is difficult and perhaps even dangerous to align oneself with any polarized ideas and concepts. However, there is a growing will to define an absolute 'Chinese-ness'. When Wang Shu was given the power to represent a group of scholars and architects whose works are still neglected by the West it seemed important for him to locate the collective effort of Chinese architects in the ever-accelerating currency of architecture scholarship through a unifying impression. Mediating space serves as an opportunity to dissolve such universal monarchy and to provide a place for resistance and liberation. In discussing the mediating space, the ends must stay open, as every moment passes by a whole new world unfolds before us.



INTERVIEW WITH KELLER EASTERLING

Keller Easterling is an architect, writer and professor at Yale University.

Paprika: In your class Globalization Space last fall, we discussed spatial products and the infrastructural network that is overarching or suspended from nation-state borders. Nowadays a lot of people say that there is an anti-globalization wave, with China's firewall, Brexit and the U.S.'s notion of strong border, how do you think this anti-globalization wave would influence the spatial products, infrastructural networks and the zones?

Keller Easterling: For me, it's a huge question. And sometimes I wonder when people talk about altering these trade agreements, whether they think that this is just about moving around corns or changing attire of prices, or whether they think this has to do with immaterial things. But what we studied is that the global trade system is also like a gigantic physical plant. There are thousands of thousands of acres of infrastructure, solid cities and installations devoted to this free trade that has lasted 30 years. So what happens to that? There is this full-throated anthem of nativism or nationalism. But does it really change anything about this infrastructure in place? Or if it does, how does it do so? It's very hard to predict now, what that would be. My sense of it is that this nationalist script is one that will just give more and more power to fewer and fewer people. Nationalism is sometimes like Oligarchy, and that kind of oligarchic thinking fits pretty well to the free-trade-zone formula.

P: I know that we shouldn't be talking about centers and peripheries any more, but while the U.K. and the U.S. withdrawing from the global trade system, China starts to export its infrastructure and labors. So I don't know if there is a second wave of globalization?

KE: Yeah. No one center and periphery but multiple centers of power and power moving in many directions.

P: We are also interested in your studio on the refugee issue. In the introduction of your studio Free Migration, you compared the refu-

ees to the commodities. We thought this is an interesting comparison because indeed both are using the infrastructural/space, but the difference between them is that the mobility of the latter is much higher. I wonder if you could tell us a little more about it?

KE: The comparison is interesting because there is enormous amount of ingenuity in infrastructural space. A lot of energy is devoted to make sure that these commodities and cheap labors are transported and lubricated through this system. But there is not a lot of creativity and ingenuity in solving problems about how people might migrate. The problems are stalled out because of a dumb on/off button deciding whether to grant asylum or not, grant citizenship or not. We have been very careful not to say that the same apparatus of free trade would apply to the movement of groups of people. We are just saying that the same ingenuity, the same kind of determined problem solving might be applied to designing another kind of passage or exchange between the sidelined talents, energy and time of migrating people and other needs in the world, with particular attention to the way in which spatial variables might be placed in that exchange. So we are trying to think of a global exchange with talents and needs that could allow someone to move through the world, either move to settle in some place, or to keep moving. Especially for those who never wanted the citizenship that the nation either withhold or bestows. So we are almost trying to see if spatial variables might be part of an exchange that would allow for another kind of cosmopolitanism.

P: Seems like it's not only for refugees but for everybody.

KE: Yeah. It's in advance of the refugee camp. It's like a choice before the refugee camp or a choice after the refugee camp but definitely not dealing with the refugee camp. Those norms that the refugee camp is the answer are so ingrained that the assumption is that we will just assume our downstream assignment and fix up enclosure with this bad idea. We refuse to do it. There is no possibility of ingenuity within that.

P: That brings me to another question, which is about the distance between ideas and reality. We feel like your design works, such as the protocols you have shown in Globalization Space, are interested in changes that could happen

right away. It seems to be harder to realize an architectural idea, than just to exhibit it. What is making this so hard in your experience?

KE: It seems to me that architects need to have a different kind of audience, need to have a different kind of partnership and another kind of authority in global decision making. Getting to that table, getting to that conversation, educating global decision makers in a language of space practices is hard. I'm frustrated about it, because the economatrix, law, global standards, these things have authority. This kind of organs of communication have authority. And we are trying to insert some different kind of organs of design that might be used in global governance. But there is not a lot of fluency in that. It's hard to gain attention even for this kinds of projects and other kinds of audience. There is art world audience who is ready to hear it, but it's not the art world that we need to contact. And it's also quite risky. I think doing anything is suddenly risky. They could all be gamed by other power players, they could all go wrong. But the kind of organs of interplay we are thinking about this kind of interplays are not about having a right answer, but about designing a certain kind of interplay that can also be responsive to the moments when it's out witted. So it's trying to give insurance to the moments when it's gamed by power. But all untested.

